Catalog Disclaimer

All statements herein are true and correct as of the time of publication. However, the catalog is not to be considered a binding contract between Dixie State College and any student or other institution. The College reserves the right to change its regulations or course offerings as conditions require during the period of any student’s attendance. At the time of printing this catalog, Dixie State College intends to give the courses listed herein, but reserves the right to eliminate or discontinue any of them or to add new courses.

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Message from the President

Dear Students,

Welcome to another year at Dixie State College - one of the state's fastest growing institutions. We are excited to have you joining us for the 2010 – 2011 academic year and are confident that you will begin to discover your destiny as you pursue your academic goals and dreams. We continue to make rapid progress in new degree offerings, including new bachelor’s degrees in Psychology, Theater, and Clinical Laboratory Science. These new degrees bring our total number of bachelor’s degree offerings to 16. We have also received new associate degree offerings in Operations Management and Clinical Laboratory Science, as well as a new emphasis in Criminal Justice. Also available to our students are a wide array of academic programs that are joint partnerships with other institutions, as well as a number of certificate and applied science degrees. Whatever your goals, you have made a wise choice to pursue your education, thereby improving your marketability and earning power in the competitive world in which we live.

While these are challenging times, our faculty are committed to help you prepare to meet the opportunities which lie ahead and to thrive in an uncertain world. So make the most of the time you will spend on campus this new academic year. Study hard. Play hard. Make new friends. And make the most of your experience at Dixie State College. We hope you will leave with great memories, a more marketable you, red sand in your shoes, and a better understanding of the Spirit of Dixie. Good luck!

Sincerely,

Stephen D. Nadauld, Ph.D.
President, Dixie State College of Utah

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Mission Statement Summary

Dixie State College is a publicly supported institution of higher education that strives to enrich its community and the lives of individual students by providing associate and baccalaureate degrees and certificates, by fostering lifelong learning, and by sponsoring activities and events that meet the educational and cultural needs of its regional constituents. Dixie State College accomplishes these objectives directly by delivering excellent teaching in a learning environment recognized for its personal relationships, values, service, diversity, and open access, and by creating strategic partnerships for learning opportunities.

Dixie State College of Utah is accredited by the Northwest Commission on Colleges and Universities.
# ACADEMIC CALENDAR 2010 – 2011

## FALL SEMESTER 2010

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<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>Aug. 23</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>Aug. 25</td>
<td>Last Day to Add Without Signature &amp; Drop Class online</td>
</tr>
<tr>
<td>Aug. 30</td>
<td>Drop/Audit fee begins ($10 per class)</td>
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<tr>
<td>Sept. 6</td>
<td>Labor Day</td>
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<td>Sept. 7</td>
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<td>Sept. 13</td>
<td>Pell Grant Census</td>
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<tr>
<td>Sept. 13</td>
<td>Last Day for Refund</td>
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<tr>
<td>Sept. 13</td>
<td>Last Day to drop without receiving a &quot;W&quot; grade</td>
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<td>Sept. 17</td>
<td>Last Day to ADD Classes</td>
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<td>Oct. 1</td>
<td>Graduation Application Deadline</td>
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<td>Oct. 13</td>
<td>Mid-Term Grades Due</td>
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<td>Oct. 14-15</td>
<td>Semester Break</td>
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<tr>
<td>Oct. 18</td>
<td>Last Day to DROP/AUDIT Classes</td>
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<tr>
<td>Nov. 12</td>
<td>Last Day for Complete Withdrawal (all classes)</td>
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<tr>
<td>Nov. 15</td>
<td>Spring 2011 Registration begins</td>
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<td>Nov. 16</td>
<td>Career Day</td>
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<td>Nov. 24-26</td>
<td>Thanksgiving Break</td>
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<td>Dec. 10</td>
<td>Classes End</td>
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<td>Dec. 13-17</td>
<td>Final Exams</td>
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## SPRING SEMESTER 2011

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<td>Jan. 31</td>
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<td>Last Day for Refund</td>
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<td>Last Day to drop without receiving a &quot;W&quot; grade</td>
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<td>President’s Day</td>
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<td>Mar. 4</td>
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### Historical Background

Dixie State College is located in St. George, Utah, 300 miles south of Salt Lake City and 110 miles northeast of Las Vegas. With a population over 70,000, St. George is a tourist magnet because of its proximity to such scenic wonders as Zion, Bryce Canyon, and Grand Canyon National Parks, Cedar Breaks National Monument, and Lakes Mead and Powell.

In 1861, a shortage of cotton goods prompted Brigham Young, the Mormon colonizer, to send 300 families to southwestern Utah to raise cotton and build a factory for manufacturing cloth. This colonization was an historic epic in hardship and struggle. The combination of a semi-tropical climate and cotton-growing caused early settlers to refer to the area as Utah’s Dixie — hence the name Dixie State College. When it began operation in 1911, the school was officially called the St. George Stake Academy, but it was soon nicknamed Dixie Academy. In 1923, it became Dixie Junior College, and in 1970, Dixie College. In July of 2000, the institution officially became known as Dixie State College of Utah as it added baccalaureate degree programs to its academic offerings.

Originally operated by the Church of Jesus Christ of Latter-day Saints, the college was turned over to state control in 1933. In 1963, Dixie State College moved to a new campus, and on this 110-acre site, the college has grown steadily. In 2000, the College officially added the Hurricane Center, an 8-acre parcel with a new education facility, and a small office in Kanab providing direct access to college courses and programs to those areas. The O.C. Tanner Amphitheater at the mouth of Zion National Park provides an additional 117 acres to the campus.

The college has recently experienced incredible growth as students from all over the United States are discovering the quality and value an education at DSC provides. The college currently offers bachelor’s, associate’s, and applied science degrees, as well as certificate programs.
ADMISSIONS OFFICE

Executive Director: David Roos, Enrollment Services
Office: 204 Whitehead Student Services Center
Hours: Monday – Friday 8 a.m. – 5 p.m.
Phone: (435) 652-7704
Email: admissions@dixie.edu
Website: www.dixie.edu/admissions

Getting Started
Once you've decided to attend Dixie State College, follow these steps to become a DSC student. If you have questions, call (435) 652-7590 or visit us online at: www.dixie.edu/futurestudents.

1. **Apply for Admission**: Online at www.dixie.edu > Apply for Admission, or use a paper application.

2. **Apply for Financial Aid**: Complete the FAFSA form and learn about the various scholarships available online at: dixie.edu/financial.

3. **Find a Place to Live**: The Housing Office can assist you in locating your new home: dixie.edu/housing.

4. **Attend Advisement & Registration Session (A&R) or Meet with Your Advisor**: If you are a new student at Dixie State, contact the Academic Advising Center at www.dixie.edu/advisement/ to complete the required orientation and to register for classes.

5. **Buy Your Books**: The DSC Bookstore (bookstore.dixie.edu/home.aspx) is available to help you with your textbooks and school supply needs.

6. **Pay your Tuition & Fees**: Be sure to pay your tuition and fees before the deadlines. You can pay online or at the Cashier’s Office.

7. **Student ID/Dixie One Card**: Have your picture taken at the Registrar’s Office. Your Student ID card/Dixie One Card will be mailed to you.

8. **Purchase your Parking Permit**: Bring license plate number and pay at the Cashier’s Office.

9. **Map of Campus**: Get to know the campus and locate your classes by reviewing the map before the first day of class, or take a campus tour.

10. **FYE**: Enroll in a First Year Experience course to increase your success in college!

Admissions Procedures
All admission policies shall be applied without regard to race, color, ethnic background, national origin, religion, creed, age, citizenship, disability, sexual orientation, marital status, veteran status, or gender.

New Freshmen Students
- Submit an official high school transcript or high school graduation equivalency (GED).
- Submit ACT or SAT, or take the CPT/Accuplacer at the Testing Center (www.dixie.edu/testing/).
- Submit admission application.
- Pay the non-refundable application fee.
- Submit any **official** college transcripts (including college courses taken as concurrent enrollment in high school).
- Attend Advising & Registration Session www.dixie.edu/advisement/.

Degree Seeking Student
Are you attending DSC to pursue a certificate or degree or to earn credits to transfer to another college or university? Then you are a Degree-Seeking Student.

To be admitted and matriculated as a **degree seeking student**, applicants must have received a high school diploma or its recognized equivalent. Recognized equivalents include:

- Passing a GED (General Education Development) test.
- Being beyond the age of compulsory education. In Utah, the age of compulsory education is generally 18; however, exceptions can be made for students who have excelled academically in high school, or who have been home schooled and have been released from further secondary school attendance (see Early Enrollment Student below).
• Submitting an academic transcript showing successful completion of a two-year program (or more) that is acceptable for full credit toward a bachelor’s degree.

Students who do not meet one of the above requirements may still be admitted as non-degree seeking.

Non-Degree Seeking Student
Are you attending DSC just for personal interest or enrichment? Then you are a Non-Degree Seeking Student.
• Submit application and pay processing fee.
• NOTE: You must be degree-seeking to obtain financial aid.

Transfer Student
Have you previously attended another college or university after graduating from high school (or after your class graduated from high school)? Then you are a transfer student.
• Transfer students with 24 or more college-level credits must submit official college transcripts but do not have to submit high school transcripts.
• Transfer students with less than 24 college-level credits must submit official college transcripts and high school transcripts.
• Complete online application and pay application fee.

Returning Student
Have you previously attended DSC after high school graduation but haven’t attended in three or more semesters (even if you attended another college or university during that time)? Then you are a Returning Student.
• Returning students who have attended another college or university since attending Dixie State College must submit an official transcript from each college or university previously attended.
• Submit readmission application online and pay readmission fee.

Concurrent Enrollment Student
Are you currently enrolled in a Washington County high school attending college classes as part of your high school program? Then you are a concurrent enrollment student. See Concurrent Enrollment section of this catalog.

International Student
Are you not a U.S. citizen and don’t have immigrant status from the U.S. Immigration & Naturalization Service? Then you are an International Student. See specific admission procedures in International Student Services section of this catalog.

House Bill 60 Student (HB 60)
Are you a Utah resident age 62 years or older who wants to audit a course (not for credit)? Then you are a House Bill 60 Student.
• Submit HB 60 application and pay application fee. See Registration section of this catalog.

Early Enrollment Student
Are you currently enrolled in high school and wish to attend college classes (on your own -- not concurrent enrollment through the school district)? Or are you a home school student whose class has not yet graduated from high school? Or have you been officially released from Utah compulsory school attendance requirements? Then you are an Early Enrollment Student.
• Submit application and pay fee.
• Demonstrate college readiness by submitting ACT, SAT, or CPT/Accuplacer scores equivalent to the following ACT minimums for early enrollment students.

Minimum Scores for Early Enrollment Students
• Students who wish to enroll as Early Enrollment Students (see above) must have the following minimum ACT or equivalent placement scores:
  o English  19 or higher
  o Math  18 or higher
  o Reading  17 or higher

• Submit one of the following:
  o A letter from their local school district stating that the student has been approved to take college classes.
  o A high school transcript must accompany this letter.
  o A letter from their local school district stating that the student has been released from compulsory education.
  o A letter from their local school district certifying that the student is a home school student for that year.
  • Home school students must supply such certification each year until their class graduates from high school.
• Submit a parent/guardian permission form.
  o Emancipated minors may submit court documentation showing such status in lieu of parent/guardian permission.
Important Note
Admission to some degree and certificate programs at DSC may be limited by outside agency standards, licensing requirements, limited capacity, high student demand, or program requirements. All prospective students must apply through the Admission Office. No application to a specific program will be considered until the applicant has been admitted to the College.

English Proficiency
Regardless of citizenship, students must demonstrate English proficiency before being admitted as a degree-seeking student. This proficiency can be demonstrated by providing either a transcript with at least one year of high school education at an English-speaking institution, or a minimum score of 61 iBT on the TOEFL test.

Residency
For regulations regarding residency, please review the requirements online at: www.dixie.edu/admissions/?page=ResidencyRequirements or call Admissions at (435) 652-7690.
REGISTRAR’S OFFICE
Registrar: Julie Stender
Office: 205 Whitehead Student Services Center
Hours: Monday – Friday 8 a.m. – 5 p.m.
Phone: (435) 652-7708
E-Mail: records@dixie.edu
Website: www.dixie.edu/registration

The Registrar’s Office is responsible for helping students with all aspects of registration, including enrolling in classes, adding and dropping classes, withdrawing from college, evaluating transfer credits, issuing DSC transcripts, and approving students for graduation. Students can perform many of these functions online through the online campus registration system (accessed by clicking “Login to Student Services” on the college web page: www.dixie.edu).

Registering for Courses

1. You must be admitted to Dixie State College before you can register for classes.
2. All financial obligations to the College must be cleared in order to register.
3. It is wise to meet with an advisor so you enroll in the right classes.*
4. Look at the online Course Schedule available once you have logged in to your Student Services account.
   a. Check which classes are required to fulfill General Education and/or major requirements.
   b. Check placement / prerequisite requirements.
   c. Determine when those courses will be taught that semester.
   d. Work out a tentative schedule.
   e. Add classes online in your Student Services account under Registration.

*New Freshmen Advisement & Registration Requirement (including Concurrent Enrollment Students)
All new freshmen are required to complete the Advisement & Registration program (A&R) before they can begin registering for classes. A&R will introduce new freshman to campus, including degree programs, academic assistance options, student services, campus terminology, etc. Freshmen may sign-up and receive more information about A&R from the Academic Advisement Center’s webpage at www.dixie.edu/advisement/ or by calling (435) 652-7690.

Student Responsibility
It is the responsibility of every student to verify the accuracy of his/her schedule at each of these times during each semester:
   1. Immediately after registering.
   2. If a class is added or dropped.
   3. If the first day of class is missed for any reason.
   4. Before the last day to add, drop, or audit classes.
   5. The beginning of the 4th week of the semester.
It is imperative the class schedule be reviewed prior to the 4th week of school to make sure that enrollment in classes is official. Students may not attend classes if the official course roll does not include their name.

Students may check their class schedules at any time online, by going to the advisement office, or at the Registrar’s office. Students who will not be at the first class meeting for any reason must inform the instructor prior to class time or they may be withdrawn. Students must be registered for a class to receive credit.

Status

• Full-time status for federal financial aid is 12 credits per semester.
• Full-time status for most scholarships is 15 credits per semester.
• To complete a bachelor’s degree in 4 years, students should take 15 credits per semester (not including summer semesters).
• Registration is open to students by status, which is calculated by the number of completed credits:
  o Freshman 0-29 credits.
  o Sophomore 30-59 credits.
  o Junior 60-89 credits.
  o Senior 90 or more credits.

Class Load / Excess Credit
Students should plan to spend 2 hours work outside of class for each college credit (e.g. 3 credit course = 9 credits total per week; 3 in class and 6 out of class).
• Maximum registration is 20 credit hours per semester.
To register for excess credit (over 20 credits per semester) requires a minimum cumulative 3.0 GPA AND permission from one of the following:
- Department Chair of student’s declared major.
- Director of Academic Advisement Center.
- College Registrar.

Additional tuition is assessed when students register for 21 or more credits. See Tuition and Fee schedule.

Adding Classes
Students may add classes once registration has been opened for their status (freshman, sophomore, etc.) through the end of the 3rd day of classes in that semester. Students should register as soon as possible because availability is often limited.

After the 3rd day of class, an add card with the instructor’s signature must be turned in to the Registration Office to add a class. A Late Registration fee may be charged. No class may be added after the end of the 4th week of the semester.

Adding Full Classes
If a student wants to add a class that is FULL, instructor permission is required on an add card (available at the Registration Office). The instructor is under no obligation to add students to a class that is already fully enrolled.

Placement / Prerequisite Criteria
- Placement refers to placement scores such as the ACT, SAT, or CPT/Accuplacer (which can be taken in the DSC Testing center).
- Prerequisite courses must be completed before enrolling in the next course, sometimes with a specific grade requirement.
- Corequisite courses must be taken during the same semester.

An instructor’s signature on an add card will NOT override placement / prerequisite criteria. To override those requirements, the additional signature of the appropriate department chair or dean is required. Program chairs and deans are listed in the academic program section of this catalog.

Dropping Classes
Students may drop classes online through the 3rd day of the semester. Remember, if a course has a corequisite, you cannot drop the corequisite course and remain enrolled in the other course. Dropping a class or classes may affect a student’s financial aid.

After the 3rd day and until the end of the 8th week, students wishing to drop a class must do so in person at the Registration Office. A fee is assessed for students dropping a course after the first week of the semester. No refund is given for classes dropped after the end of the 3rd week of the semester. Classes dropped after the 3rd week of the semester will be marked with a “W” grade on the transcript. No class may be dropped after the 8th week of the semester, although students with extenuating circumstances may request a Complete Withdrawal from college through the 12th week of the semester.

Non-Traditional Sessions
Traditional semesters are the fall and spring 16-week semesters. Summer, block, and other non-traditional semesters will have add, drop, audit, payment, and withdrawal dates assessed proportionally. Consult each semester’s course schedule or contact the Registrar’s Office for specific deadlines.

Auditing
Auditing is attending a class without receiving credit. Students who choose to audit a class must pay all applicable tuition and fees, but no credit is issued. Once a student has requested a class be changed to audit status, a grade of AU will be issued. The request for audit status cannot be reversed. Students already enrolled in a class may submit an audit request through the end of the 8th week of the semester. A fee will be charged for changing a course to audit status beginning the 2nd week of the semester. Auditing a class or classes may affect a student’s financial aid.

Attendance
If you do not attend the first day of class and did not receive the instructor’s permission, you may be administratively dropped from that course. Attendance at all class sessions is a significant predictor of college success. If you must be absent from a class due to illness or another personal issue, work with your instructor to stay current.

Administrative Drop
Students may be administratively dropped from a class or all classes for the following reasons:
1. Not attending class on the first day of class without receiving special permission from the instructor.
2. Registering for courses for which the prerequisites have not been met.
3. Neglecting to pay tuition and fees by the end of the 3rd week of the semester.
4. Registration was accomplished overriding a registration hold.
5. As part of sanctions imposed through the Student Code.
Complete Withdrawal from College
A student who experiences serious personal issues (medical, psychological, financial, family, etc.) can request a complete withdrawal from all classes until the end of the 12th week of the semester. The withdrawal must be from all classes, not an individual course or courses. Complete withdrawals may be done online until the semester begins. Once the semester has started, students must request Complete Withdrawal at the Registrar’s Office. Complete withdrawal may affect a student’s financial aid. Any refund for a complete withdrawal is issued according to the deadlines published in each semester’s course schedule.

House Bill 60
Utah residents age 62 or older are eligible to enroll in Dixie State College classes under House Bill 60 (HB 60) provisions:

- Complete an admission application
- Pay admission fee ($35.00)
- On the first day of class, HB 60 Add card must be signed by the instructor – on a space available basis.
- Submit signed HB 60 Add card to Registration Office.
- Pay $10 fee and any course fees or lab fees.

No credit is issued for HB 60 enrollment. Courses are audited. Some classes are not available under HB 60, including but not limited to all computer and fitness classes.

Course Attributes
Course attributes refer to the General Education status of a class and are listed in the Course Descriptions as follows:

- American Institutions
- English
- Computer Skills
- Fine Arts, Communication
- Foreign Language
- Humanities
- Information Literacy
- Life Sciences
- Mathematics
- Physical Sciences
- Social & Behavioral Sciences

More information on General Education requirements can be found in the General Education section of this catalog.

Grade System
(*does not affect GPA)

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<tr>
<td>AU</td>
<td>*</td>
<td>Audit</td>
</tr>
<tr>
<td>W</td>
<td>*</td>
<td>Withdrawal</td>
</tr>
<tr>
<td>NG</td>
<td>*</td>
<td>No Grade Issued</td>
</tr>
<tr>
<td>Z</td>
<td>*</td>
<td>Missing Grade</td>
</tr>
</tbody>
</table>
Incomplete ("I") Grades
According to DSC Policy, a grade of "Incomplete" ("I") may be issued only if:

- The student has completed a substantial portion of a course and is unable to complete the coursework for a legitimate reason (e.g. serious illness or accident).
- The student is passing the course and needs to complete less than 20% of the coursework.
- An "I" grade must not be used in a way that will permit a student to retake the course without paying tuition.
- A student who receives an incomplete does not re-register for the class. If the situation requires that the student sign up for the class again, the instructor should give the grade that was earned. Ordinarily, completing the coursework will not require that a student attend class or complete the work by attending class.
- Copies of the incomplete contract, signed by the instructor and the student, must be submitted to the appropriate department chair and the Registrar's Office no later than the third week of the following semester.
- Once the student has completed the coursework, the instructor must submit a Grade Change form to the Registrar's Office. The "I" grade will be changed to an "F" grade by the Registrar's Office after one calendar year if the student does not finish the work or the instructor does not submit a Grade Change form.
- Instructors may institute deadlines of less than one calendar year for the completion of coursework.
- An “I” grade received in the semester a student is scheduled to graduate will delay graduation and may require a new graduation application.

Grade Changes
According to DSC Policy, grade changes may be made only in the following circumstances:

- If an incorrect grade was entered. If a student claims grading errors, s/he must notify the instructor no later than the last day of the following semester, excluding summer semester.
- If a student has completed the work required to finish a class for which an incomplete grade has been assigned, or one calendar year has elapsed since the “I” grade was issued. Grade changes for incomplete grades must be submitted within one (1) calendar year of the grade being issued.
- If a student's Exception to Policy Petition has been granted or Academic Appeal has been approved. Exception to Policy Petitions must be received within four (4) calendar years of the grade being issued. Academic Appeals must be filed within 20 days of the grade being issued.

Repeating a Course for a Higher Grade
Students may repeat a class for a higher grade if the class was originally taken at Dixie State College. If the course prefix and number are the same, the most recent grade earned will be used. If a course repeat is taken at another institution, the course must articulate to a Dixie State College course previously taken as determined by an existing articulation agreement or the appropriate department chair. Students must register and pay tuition and fees for repeated classes, and the most recent grade earned will be used in the GPA calculation. Previous grades and credit hours for the same course remain on the student's transcript, but are not calculated in the GPA or included total hours completed. Credit hours for repeated course will be counted only once toward graduation and other requirements. Some programs may have limitations on courses which can be repeated for a higher grade.

Academic Renewal
Academic renewal allows students to remove previous poor grades from grade point calculations in limited circumstances. Academic renewal applies only to Dixie State College or transfer courses having grades of D+, D, D-, or F taken at least five calendar years prior to the time of the request. All such courses will remain unaltered on the transcript with the appropriate notation added to the transcript to indicate academic renewal. If academic renewal is granted, designated courses will not count in the GPA calculation and will not satisfy any requirement, including number of credits. A student may only receive academic renewal once. Academic renewal is not reversible.

Conditions under which a petition for academic renewal will be considered:

- Coursework must have been completed at least five years previous to the petition.
- The student must be enrolled at Dixie State College at the time of application for academic renewal.
- The student must have completed at least fifteen credit hours at Dixie State College after the coursework being considered for academic renewal.
- The student must obtain a minimum GPA of 2.5 in courses completed after the coursework being considered for academic renewal.
- A non-refundable fee is required with the petition for academic renewal.

Once a certificate, associate's degree, or bachelor's degree is awarded by any institution, course(s) completed prior to the award of that certificate or degree will not qualify for academic renewal.

Transfer Credit
Students transferring to Dixie State College must supply an official transcript either in an envelope sealed by an official of the sending institution or by authorized electronic means. A student’s official transcript will be evaluated by the Registrar’s Office after the student has
been admitted to a degree program to determine the applicability and transferability of the credits. Transfer credits are calculated in a student’s cumulative GPA.

To be accepted, transfer credits must be college level (not remedial, developmental or pre-college) and must be completed with a grade of D- or above. Where no articulation agreement exists, Dixie State College academic departments determine course equivalencies in their subject areas. Transfer credit may be limited in amount or by age by a Dixie State College academic department. Students may be asked to supply information from a college catalog, bulletin, syllabus, and/or course outline to aid in evaluation of a transcript or a specific course.

Transfer credit may be accepted from other institutions for the purpose of posting a repeat on a course already taken at Dixie State College, providing the transfer course is equivalent as established by either an articulation agreement between the two institutions or acceptance by the appropriate department chair.

Transfer credit earned at a 1000 or 2000 level usually does not substitute for a 3000 or 4000 level class at Dixie State College. Exceptions may be permitted when the course is equivalent to the Dixie State College class and require the approval of the program director/department chair and dean.

The College reserves the right to deny credit for courses that are not compatible with those offered in its academic programs. For example, courses that provide religious instruction in a particular doctrine and courses offered for non-credit continuing education units will not be awarded Dixie State College credit.

Students who have fulfilled the General Education requirements at a regionally accredited institution will be considered to have fulfilled the General Education requirements at Dixie State College. General Education fulfillment is exemplified by either receipt of an Associate of Arts or Associate of Science degree or a Utah System of Higher Education Registrar’s “Letter of Completion” verifying completion of institutional General Education requirements. However, all students must meet Dixie State College and Utah Board of Regents requirements in three core areas: Math, English Composition, and American Institutions.

International Transfer Credit
In order for students to receive credit for college work completed outside of the U.S., transcripts need to be sent to a credential evaluation service for verification of course equivalency to a regionally accredited college in the U.S. Once a transcript from a credential evaluation service is received, a certified English translation of the course descriptions for courses to be evaluated for specific equivalents will be required; approved courses will be transferred as elective credit.

Credit by Examination
Dixie State College awards credit for competencies as measured by standard examinations such as the College Level Examination Program (CLEP) and the Advanced Placement program (AP). Specific exams and subject areas accepted and the minimum score requirements and the amount of credit granted are posted below.

Conditions for receiving credit by examination:

- Students must be admitted and currently enrolled at Dixie State College of Utah to receive any credit by examination.
- A fee is assessed for posting credit by examination to a transcript.
- Credit may not be received more than once for the same course.
- Dixie State College will award no more than a combined maximum of 32 credits for the following types of credit:
  - Advance Placement credit (AP)
  - College Level Examination Program credit (CLEP)
  - Foreign Language Achievement Testing Services credit (FLATS)
- All credit received for examinations is graded “P” (Pass).

AP Credit is awarded to students who complete high school advanced placement courses and successfully pass the AP exam with a score of three (3) or higher. The credits earned will be ungraded and awarded based on the table which follows. Note that the credit is awarded as a single unit and cannot be broken up (i.e. a student cannot choose to only have part of it posted to their transcript). This credit is posted to the student’s transcript when AP test results are submitted to the Registrar’s Office with a receipt from the Cashier’s Office for the posting fee. A.P. cut off scores and course requirement(s) fulfilled are:

<table>
<thead>
<tr>
<th>AP Test</th>
<th>Score</th>
<th>Total</th>
<th>DSC Credit Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3-5</td>
<td>6</td>
<td>ARTH 2710 + ARTH 2720</td>
</tr>
<tr>
<td>Biology</td>
<td>3-5</td>
<td>6</td>
<td>BIOL 1010 + 3 elective credits</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3</td>
<td>6</td>
<td>MATH 1065 + 1 elective credit</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>4-5</td>
<td>6</td>
<td>MATH 1210 + 1 elective credit</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>3</td>
<td>6</td>
<td>MATH 1210 + 1 elective credit</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Units</td>
<td>Courses to Fulfill</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>---------</td>
<td>-------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>4-5</td>
<td>8</td>
<td>MATH 1210 + MATH 1220</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3-5</td>
<td>6</td>
<td>CHEM 1010 + 3 elective credits</td>
</tr>
<tr>
<td>English Language</td>
<td>3-5</td>
<td>6</td>
<td>ENGL 1010 + 3 elective credits</td>
</tr>
<tr>
<td>English Literature</td>
<td>3-5</td>
<td>6</td>
<td>ENGL 1010 + ENGL 2200</td>
</tr>
<tr>
<td>European History</td>
<td>3-5</td>
<td>6</td>
<td>HIST 1100 + HIST 1110</td>
</tr>
<tr>
<td>French Language</td>
<td>3-5</td>
<td>6</td>
<td>FREN 1010 + FREN 1020</td>
</tr>
<tr>
<td>German Language</td>
<td>3-5</td>
<td>6</td>
<td>GERM 1010 + GERM 1020</td>
</tr>
<tr>
<td>Government &amp; Politics: Comparative</td>
<td>3-5</td>
<td>3</td>
<td>POLS 1100</td>
</tr>
<tr>
<td>Government &amp; Politics: U.S.</td>
<td>3-5</td>
<td>3</td>
<td>POLS 1100</td>
</tr>
<tr>
<td>Human Geography</td>
<td>3-5</td>
<td>3</td>
<td>3 elective credits</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>3-5</td>
<td>4</td>
<td>ECON 2010 + 1 elective credit</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>3-5</td>
<td>4</td>
<td>ECON 2020 + 1 elective credit</td>
</tr>
<tr>
<td>Music Theory</td>
<td>3-5</td>
<td>6</td>
<td>MUSC 1110 + MUSC 1120</td>
</tr>
<tr>
<td>Physics B</td>
<td>3-5</td>
<td>6</td>
<td>PHYS 2010 + 3 elective credits</td>
</tr>
<tr>
<td>Physics B</td>
<td>4-5</td>
<td>8</td>
<td>PHYS 2010 + PHYS 2020</td>
</tr>
<tr>
<td>Physics C: Electricity &amp; Magnetism</td>
<td>3-5</td>
<td>3</td>
<td>PHYS 1010</td>
</tr>
<tr>
<td>Physics C: Electricity &amp; Magnetism</td>
<td>4-5</td>
<td>4</td>
<td>PHYS 2010</td>
</tr>
<tr>
<td>Physics C: Electricity &amp; Magnetism</td>
<td>5-5</td>
<td>4</td>
<td>PHYS 2210</td>
</tr>
<tr>
<td>Physics C Mechanics</td>
<td>3-5</td>
<td>3</td>
<td>PHYS 1010</td>
</tr>
<tr>
<td>Physics C Mechanics</td>
<td>4-5</td>
<td>4</td>
<td>PHYS 2010</td>
</tr>
<tr>
<td>Physics C Mechanics</td>
<td>5-5</td>
<td>4</td>
<td>PHYS 2210</td>
</tr>
<tr>
<td>Psychology</td>
<td>3-5</td>
<td>3</td>
<td>PSYC 1010</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>3-5</td>
<td>8</td>
<td>SPAN 1010 + SPAN 1020</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>3-5</td>
<td>8</td>
<td>SPAN 1010 + SPAN 1020</td>
</tr>
<tr>
<td>Statistics</td>
<td>3-5</td>
<td>3</td>
<td>STAT 2040 or MATH 1040</td>
</tr>
<tr>
<td>Studio Art: Drawing</td>
<td>3-5</td>
<td>6</td>
<td>ART 1110 + 3 elective credits</td>
</tr>
<tr>
<td>Studio Art: 2D Design</td>
<td>3-5</td>
<td>3-6</td>
<td>3-6 elective credits w/portfolio</td>
</tr>
<tr>
<td>Studio Art: 3D Design</td>
<td>3-5</td>
<td>3-6</td>
<td>3-6 elective credits w/portfolio</td>
</tr>
<tr>
<td>U.S. History</td>
<td>3-5</td>
<td>6</td>
<td>HIST 1700 + 3 elective credits</td>
</tr>
<tr>
<td>World History</td>
<td>3-5</td>
<td>3</td>
<td>HIST 1100</td>
</tr>
</tbody>
</table>

**CLEP Credit** is awarded based on proficiency demonstrated on a CLEP exam. A student will receive ungraded course credit, which may fulfill general education requirements or provide elective credits, using the following procedures and guidelines:

- If a particular general education course has already been completed, that course’s credit will be subtracted from the CLEP credit allowed.
- After a CLEP exam is taken, the exam is assessed and ungraded course credit is granted according to statewide and departmental agreements.
- Upon passing a CLEP test, the test results must be presented to the Registrar’s Office with a receipt from the Cashier’s Office for the posting fee for credit to appear on the transcript.

The minimum level of CLEP test proficiency for credit at Dixie State College is as follows:

<table>
<thead>
<tr>
<th>CLEP Test</th>
<th>Total Score</th>
<th>Credit</th>
<th>DSC Credit Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>50 or higher</td>
<td>6</td>
<td>ENGL 1010 + 3 elective credits</td>
</tr>
<tr>
<td>Humanities</td>
<td>50 or higher</td>
<td>8</td>
<td>HUM 1010 + ART 1010 + 2 elective credits</td>
</tr>
<tr>
<td></td>
<td>47-49</td>
<td>6</td>
<td>HUM 1010 + ART 1010</td>
</tr>
<tr>
<td></td>
<td>45-46</td>
<td>3</td>
<td>HUM 1010</td>
</tr>
<tr>
<td>Mathematics</td>
<td>No DSC math credit given for CLEP exams</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Natural Science**

<table>
<thead>
<tr>
<th>Grade Range</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 or higher</td>
<td>8</td>
<td>BIOL 1010 + CHEM 1010 + 2 elective credits</td>
</tr>
<tr>
<td>47-49</td>
<td>6</td>
<td>BIOL 1010 + CHEM 1010</td>
</tr>
<tr>
<td>45-46</td>
<td>3</td>
<td>BIOL 1010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Range</td>
</tr>
<tr>
<td>50 or higher</td>
</tr>
<tr>
<td>47-49</td>
</tr>
<tr>
<td>45-46</td>
</tr>
</tbody>
</table>

**FLATS Credit.** Up to 12 credits in a foreign language are awarded to students who pass the BYU Foreign Language Achievement Testing Services (FLATS) in an approved language, using the following procedures and guidelines:

- Students must be enrolled as DSC students.
- A posting fee is required.
- Credits receive a grade of “P” (Pass).

**Vertical Credit** is given only if a student is an advanced foreign language student and is not available for other types of classes. After passing an advanced foreign language class with a C grade or higher, up to sixteen (16) credits of vertical credit may be received for the courses that are preparatory to the advanced class using the following procedures and guidelines:

- The Registrar’s Office is presented a written memo of permission signed by the dean and the instructor who taught the advanced class.
- A posting fee is paid at the Cashier’s Office, and the receipt is presented to the Registrar’s Office.
- After the above steps are completed, ungraded elective or General Education foreign language credit is received for the preparatory foreign language course(s).

**Military Credit**
To determine if credit may be awarded send DD 214 (Member 4 Copy) discharge paper and official military transcripts to Dixie State College Veterans Coordinator in the Registrar’s Office: Ann Williams (williams@dixie.edu, (435) 652-7701, address listed above). Military course credit may be accepted based on ACE recommendations from the Guide to the Evaluation of Education Experiences in the Armed Services and review by the academic department. Credit will only be awarded for Military Occupational Specialty (MOS) Codes when they directly correlate with a Dixie State College course. Scores for military credit are not included in any GPA calculation.

**Testing Out of a Class**
If a student is registered in a class, with instructor approval s/he may test out of the class, stay on the roll, and receive a letter grade submitted by the instructor at the end of the term on the regular grade report. Test-out credit will not count toward the credit by examination limit.

**Final Exams**
The Final Exam period for each semester is posted in the semester schedule. Permission to take an early final examination can only be granted by the appropriate Dean or his/her designee, with the instructor’s approval. Students must have valid reasons for the request. Students are strongly discouraged from requesting early final exams.

**Repeatable for Credit Courses**
Each “repeatable for credit” course has an individual limit on how many times a student may repeat the class for credit and/or how many credits a student may accrue in that class, which is listed in the course description. The total maximum for all repeatable for credit, internship, co-op, independent study, and activity courses which can be counted toward graduation requirements:

**Associate’s degree:**
- 12 credits co-op.
- 15 credits total of co-op, internships, and independent study combined.
- 12 credits repeatable for credit.
- 20 credits total of co-op, internships, independent study, repeatable for credit, and activity courses combined.

**Bachelor’s degree:**
- 12 credits co-op.
- 15 credits total of co-op, internships, and independent study combined.
- 24 credits repeatable for credit.
- 32 credits total of co-op, internships, independent study, repeatable for credit, and activity courses combined.
Private Music lessons for Music majors are repeatable for credit but will not be included in graduation restrictions for those applying for a MUSIC degree.

### Internships, Independent Study, Cooperative Work Experience Courses

- A total of 15 credits allowed toward degree requirements.
- Cooperative Work Experience classes limited to 12 credits for any degree (These courses are marked with an asterisk.).
- Non-co-op courses are listed in italics.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
<th>Total Repeats</th>
<th>Max Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>*ACCT 1800</td>
<td>Accounting Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*ACCT 1810</td>
<td>Accounting Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*ACCT 1820</td>
<td>Accounting Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>ACCT 3600</td>
<td>Accounting Practicum</td>
<td>3</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>ACCT 4890</td>
<td>Accounting Internship I</td>
<td>1 – 3</td>
<td>Var.</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 4891</td>
<td>Accounting Internship II</td>
<td>1 – 3</td>
<td>Var.</td>
<td>3</td>
</tr>
<tr>
<td>*ART 1800</td>
<td>Art Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*ART 1810</td>
<td>Art Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*ART 1820</td>
<td>Art Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>ART 4950</td>
<td>Art Internship</td>
<td>1 – 3</td>
<td>Var.</td>
<td>6</td>
</tr>
<tr>
<td>*AUTO 1800</td>
<td>Automotive Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*AUTO 1810</td>
<td>Automotive Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*AUTO 1820</td>
<td>Automotive Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>AVIA 4200</td>
<td>Aviation Internship</td>
<td>1 – 3</td>
<td>Var.</td>
<td>6</td>
</tr>
<tr>
<td>*BIOL 1800</td>
<td>Biology Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*BIOL 1810</td>
<td>Biology Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*BIOL 1820</td>
<td>Biology Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>BIOL 1910</td>
<td>Life Science Internship I</td>
<td>1 – 8</td>
<td>Var.</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 1910</td>
<td>Life Science Internship II</td>
<td>1 – 8</td>
<td>Var.</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 1910</td>
<td>Life Science Internship III</td>
<td>1 – 8</td>
<td>Var.</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 1910</td>
<td>Life Science Internship IV</td>
<td>1 – 8</td>
<td>Var.</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 4810</td>
<td>Independent Research</td>
<td>1 – 4</td>
<td>Var.</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4820</td>
<td>Independent Research</td>
<td>1 – 4</td>
<td>Var.</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4830</td>
<td>Summer Independent Problems</td>
<td>1 – 4</td>
<td>Var.</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4890</td>
<td>Life Science Internship I</td>
<td>1 – 8</td>
<td>Var.</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 4891</td>
<td>Life Science Internship II</td>
<td>1 – 8</td>
<td>Var.</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 4930</td>
<td>Senior Thesis</td>
<td>1 – 4</td>
<td>Var.</td>
<td>4</td>
</tr>
<tr>
<td>*BUS 1800</td>
<td>Business Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*BUS 1810</td>
<td>Business Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*BUS 1820</td>
<td>Business Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*CIS 1800</td>
<td>Computer Information Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*CIS 1810</td>
<td>Computer Information Work Experience</td>
<td>1 – 3</td>
<td>Var.</td>
<td>12 total</td>
</tr>
<tr>
<td>*CIS 1820</td>
<td>Computer Information Work Experience</td>
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The following repeatable for credit courses do *not* fall under these repeatable for credit graduation restrictions:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Topic Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3990</td>
<td>Seminar in Art</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>ART 4990</td>
<td>Seminar in Art</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>BIOL 4990</td>
<td>Seminar in Biology</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>COMM 3990</td>
<td>Seminar in Communication</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>CS 4990</td>
<td>Seminar</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>HUM 2990</td>
<td>Seminar in Humanities</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>INTS 3900</td>
<td>Interdisciplinary Topics</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>MGMT 4950</td>
<td>Seminar</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>SPAN 3580</td>
<td>Contemporary Issues</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>SPAN 3990</td>
<td>Seminar in Spanish</td>
<td>Topic Varies</td>
</tr>
<tr>
<td>VT 4990</td>
<td>Seminar</td>
<td>Topic Varies</td>
</tr>
</tbody>
</table>
Transcripts
A transcript is the official record of a student’s academic performance. The contents of a transcript may not be altered except as set forth in specific College policies.

Unofficial transcripts, beginning with the academic year 1986-1987, are available online at no cost. Unofficial transcripts for all academic years are available in person at the Registrar's Office. Picture identification is required, and a fee is required for a printed unofficial transcript.

Official transcripts can be requested online, in writing, and by fax on the appropriate forms or in person with picture identification at the Registrar's Office. Official transcripts are protected by the Family Educational Rights and Privacy Act of 1974 (FERPA). Parents, spouse, friends, other students, etc., may not pick up a copy of the transcript without written consent from the student. In order to receive an official transcript by any means, all financial obligations to the College must be cleared. A fee is required for an official transcript.

To order an official transcript online:
1. Login to Student Services at http://www.dixie.edu.
2. Navigate to Student & Financial Aid > Student Records > Order Official Transcripts
3. Complete form and pay fee online.

Note: If you attended prior to 1986 and would like to order an official transcript online, go to the National Student Clearinghouse Transcript Ordering center at http://getmytranscript.com. Select Dixie State College of Utah, complete form, and pay fee.

To order an official transcript by mail or FAX:

1. Send complete information to the address / FAX number listed below.
2. Request must include:
   a. Name (including names under which you were enrolled if different than current)
   b. DSC ID or Social Security Number
   c. Date of birth
   d. Years attended DSC
   e. Telephone number
   f. Email address
   g. Mailing address or FAX number where transcript is to be sent. Most institutions do not consider a transcript delivered by FAX as an official transcript.
   h. Student signature
   i. Fee payment by check / money order (if request is sent by mail) or credit card number with expiration date.

Mailing Address: Dixie State College of Utah
ATTN: Registrars Office
225 South 700 East
St. George UT  84770
FAX number: (435) 656-4005

To order an official transcript in person at the Registrar’s Office (205 Whitehead Student Services Center):
1. Pay required fee at Cashier’s Office.
2. Present photo identification at Registrar’s Office.

Further transcript information can be obtained at http://www.dixie.edu > Current Students > Registrar’s office or by calling (435) 652-7708.

Confidentiality of Records
Dixie State College of Utah complies with the Family Education and Privacy Act of 1974 (FERPA) which mandates that information contained in a student’s education record must be kept confidential and only released on a need-to-know basis, and that such access be limited to job-related, legitimate educational interests. The information contained in a student’s record may not be released to a third party without that student’s written consent. A student has the right to place restrictions on his/her directory information. To place a restriction or hold on student records, a student must fill out the appropriate paperwork at the Registrar’s Office. The paperwork must be filled out annually for the restriction to continue.

Dixie State College may provide Directory Information in accordance with the provision of FERPA. Directory information at Dixie State College of Utah:
• Full name
• Local and permanent address
• Email address
• Telephone number
• Date of birth
• Residency status
• Enrollment status (full/part-time)
• Major field of study
• Dates of attendance
• Degrees and awards received
• Previous school(s) attended
• Academic level
• Photographs
• Participation in officially recognized activities and sports
• Height and weight (if a member of an athletic team)

Catalog Rights
A student who maintains continuous enrollment at Dixie State College has the right to apply for graduation under the General Education and degree requirements listed in the catalog under which s/he first enrolled, under the following conditions:

• Continuous enrollment is defined as completion of at least one credit bearing course each academic year.
• Catalog rights do not extend more than four (4) years for an associate degree and seven (7) years for a bachelor’s degree from date of first enrollment.
• When a student changes a major or program of study, graduation, General Education, and program requirements in effect at the time of the change apply to the student.
• A student may choose to forfeit catalog rights and apply for graduation under the catalog current at the time of graduation.
• A student must fulfill all requirements (graduation, degree, General Education, and program) from the same catalog.
Graduation

Each student should meet with his/her academic advisor at regular intervals to ensure progress toward graduation. All bachelor’s and associate’s degrees require that a student submit a graduation application (available at https://www.dixie.edu/graduation/) according to the published deadlines. To graduate, a student must fulfill all applicable program and institutional requirements and have no outstanding debts to the college.

Commencement exercises are held once each academic year immediately following the end of Spring Semester. All students who have graduated during that academic year (July 1 – June 30) are eligible to participate. In addition, students planning to graduate at the end of Summer Semester are invited to participate in the commencement exercises immediately prior to that Summer Semester. This option is only available to students with 12 or fewer credits remaining after Spring Semester to fulfill requirements.

Graduation Application Process (must be completed by the deadlines listed below):

1. Complete the online graduation application and print a copy.
2. Schedule a graduation appointment with your academic advisor. Bring the printed copy of your application to your appointment. Failure to meet with your advisor may delay your graduation and prevent your name from appearing in the commencement program.
3. At the scheduled appointment, you and your advisor will complete a degree audit and review your academic progress, including discussing any remaining requirements and/or responsibilities needed to complete the graduation process.
4. Pay non-refundable graduation fee ($35) at the Cashier’s Office once the Registrar’s Office has approved your graduation application.
   a. Graduation fee must be paid as soon as possible. An outstanding balance will prevent future registration or access to transcripts, so pay this fee as soon as it is posted.
   b. If you do not complete the requirements within 30 days after the end of the semester for which you applied to graduate, a new application will be required and an additional fee will be assessed.
      i. If you apply to graduate with the same degree at the end of next semester, a $10 reapplication fee will be assessed.
      ii. All other reapplications will be assessed a new $35 graduation fee.

Graduation Application Deadlines:

- To graduate at the end of Fall Semester: Application must be complete -- student has applied online and met with advisor by October 1st.
- To graduate at the end of Spring Semester: Application must be complete -- student has applied online and met with advisor by February 1st.
- To graduate at the end Summer Semester and participate in commencement exercises after Spring Semester – Application must be complete -- student has applied online and met with advisor by February 1st. Students graduating after Summer Semester must have fewer than 12 credits remaining at the end of Spring Semester in order to participate in commencement.
- To graduate at the end of Summer Semester and be eligible to participate in commencement exercises after the NEXT Spring Semester – Application must be complete -- student has applied online and met with advisor by May 1st.

Students applying to receive a general associate’s degree (AA/AS) should contact the Academic Advisement Office (see Academic Advisement section in this catalog) for a graduation appointment.

Students applying to receive any bachelor’s degree (BS/BA), a specialized associate’s degree (Business, Criminal Justice, etc.), or an associate’s degree in applied science (AAS) should contact an Academic Advisor in their program for a graduation appointment.

Honors

Honors are awarded in conjunction with associate and baccalaureate degrees and are based on cumulative GPA. Baccalaureate honors are called “Latin Honors.” Credits contributing toward minimum GPA and credit standards for honors may not be acquired through examination, prior experiential learning, or petition.

Latin Honors

Students who have or will have completed a minimum of 48 credits at Dixie State College at the time of graduation with a baccalaureate degree are eligible for Latin honors according to the following standards:

- Summa cum laude shall be granted to those students whose cumulative GPA is at least 3.95.
- Magna cum laude shall be granted to those students whose cumulative GPA is at least 3.80.
- Cum laude shall be granted to those students whose cumulative GPA is at least 3.65.
Associate Degree Honors
Students who have or will have completed a minimum of 30 credits at Dixie State College at the time of graduation with an associate degree are eligible for honors according to the following standards:

- High honors are awarded to students whose cumulative GPA is at least 3.75.
- Honors are awarded to students whose cumulative GPA is at least 3.50.

Valedictorian / Student Speaker
The college valedictorian will be selected from among the top honors graduates, as determined by GPA, in each baccalaureate program during the current academic year. Eligibility to be valedictorian is limited to graduation applicants who have already completed 48 credits at Dixie State College. If two or more graduates in a major have the same GPA, the academic department will be asked to select one candidate for valedictorian. For the purposes of valedictorian selection, each major will include all subsidiary emphases and secondary education teaching graduates. Valedictorian candidates may be required to submit an application and complete a personal interview. Academic Council has final approval of the valedictorian.

The student speaker will be selected from among the top 1% of honors graduates, determined by GPA, of those graduating with an associate degree in the current academic year. Eligibility to be student speaker is limited to graduation applicants who have already completed 30 credits at Dixie State College. Student speaker candidates may be required to submit an application and complete a personal interview. Academic Council has final approval of the student speaker.

Documents to consult for further information:

- Program requirements in the College catalog.
- Institutional requirements in the Graduation Policy (5-20) at http://www.dixie.edu/humanres/polstu.html.
PLACEMENT REQUIREMENTS

An academic advisor can help you with placement questions at any time. The following General Education courses have placement score requirements. If your score is lower than these requirements, you have two options:

- Retest. You can take the Accuplacer / CPT at the DSC Testing Center. However, you can only take each portion of the Accuplacer / CPT once in a 30-day period.
  - For Mathematics requirements, Placement Boot Camp (PBC) courses are available to help you prepare for the placement test.
- Take the required developmental course. Successful completion (Grade C or higher) of the required course fulfills placement requirement.

AMERICAN INSTITUTIONS

(one course is required for students pursuing AA, AS, BA, BS degrees)

- ECON 1740 Economic History of the U.S. ACT Reading score 17 or higher (or equivalent)
- HIST 1700 American Civilization ACT Reading score 17 or higher (or equivalent)
- POLS 1100 American Government ACT Reading score 17 or higher (or equivalent)

ENGLISH

(required for students pursuing AA, AS, AAS, BA, BS degrees)

- ENGL 1010 Intro to Writing ACT English/Writing score 19 or higher (or equivalent) AND ACT Reading score 17 or higher (or equivalent)

INFORMATION LITERACY

(required for students pursuing AA, AS, BA, BS degrees AND for students taking ENGL 1010 / ENGL 2020)

- LIB 1010 Information Literacy ACT English/Writing score 19 or higher (or equivalent)

MATHEMATICS

(students pursuing AA, AS, BA, BS and most AAS degrees must take one)

Math scores or course grades cannot be more than 2 years old at the time of enrollment

- MATH 1030 Quantitative Reasoning ACT Math score 23 – 28 (or equivalent)
- MATH 1040 Intro to Statistics ACT Math score 23 – 28 (or equivalent)
- MATH 1050 College Algebra/Pre-Calculus ACT Math score 23 – 28 (or equivalent)
- MATH 1060 Trigonometry ACT Math score 25 – 29 (or equivalent)
- MATH 1065 Comb. MATH 1050/1060 ACT Math score 25 – 29 (or equivalent)
- MATH 1100 Business Calculus ACT Math score 25 – 29 (or equivalent)
- MATH 1210 Calculus I ACT Math score 26 – 36 (or equivalent)
### Placement Scores – Reading

<table>
<thead>
<tr>
<th>Placement</th>
<th>Required Course</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT Reading</td>
<td>0 – 11</td>
<td>ENGL 0470</td>
<td>Basic Reading</td>
</tr>
<tr>
<td></td>
<td>12 – 16</td>
<td>ENGL 1470</td>
<td>Critical Reading</td>
</tr>
<tr>
<td>CPT Reading</td>
<td>0 – 41</td>
<td>ENGL 0470</td>
<td>Basic Reading</td>
</tr>
<tr>
<td></td>
<td>42 – 65</td>
<td>ENGL 1470</td>
<td>Critical Reading</td>
</tr>
<tr>
<td>SAT Reading</td>
<td>0 – 290</td>
<td>ENGL 0470</td>
<td>Basic Reading</td>
</tr>
<tr>
<td></td>
<td>300 – 410</td>
<td>ENGL 1470</td>
<td>Critical Reading</td>
</tr>
</tbody>
</table>

### Placement Scores – English

<table>
<thead>
<tr>
<th>Placement</th>
<th>Required Course</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT Engl / Writing</td>
<td>0 – 15</td>
<td>ENGL 0995</td>
<td>Beginning Writing Lab</td>
</tr>
<tr>
<td>CPT Engl / Writing</td>
<td>0 – 69</td>
<td>ENGL 0995</td>
<td>Beginning Writing Lab</td>
</tr>
<tr>
<td>SAT Engl / Writing</td>
<td>0 – 370</td>
<td>ENGL 0995</td>
<td>Beginning Writing Lab</td>
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</table>

### Placement Scores – Math

<table>
<thead>
<tr>
<th>Placement</th>
<th>Required Course</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT Math</td>
<td>0 – 12</td>
<td>MATH 0920</td>
<td>Basic Math / Pre-Algebra</td>
</tr>
<tr>
<td></td>
<td>13 – 17</td>
<td>MATH 0990</td>
<td>Elementary Algebra</td>
</tr>
<tr>
<td></td>
<td>18 – 22</td>
<td>MATH 1010</td>
<td>Intermediate Algebra</td>
</tr>
<tr>
<td></td>
<td>23 – 28</td>
<td>MATH 1030</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td></td>
<td>23 – 28</td>
<td>MATH 1040</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td></td>
<td>23 – 28</td>
<td>MATH 1050</td>
<td>College Algebra/Pre-Calculus</td>
</tr>
<tr>
<td></td>
<td>25 – 29</td>
<td>MATH 1060</td>
<td>Trigonometry</td>
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<tr>
<td></td>
<td>25 – 29</td>
<td>MATH 1065</td>
<td>Comb. MATH 1050/1060</td>
</tr>
<tr>
<td></td>
<td>25 – 29</td>
<td>MATH 1100</td>
<td>Business Calculus</td>
</tr>
<tr>
<td></td>
<td>26 – 36</td>
<td>MATH 1210</td>
<td>Calculus I</td>
</tr>
<tr>
<td>CPT Math</td>
<td>0 – 30</td>
<td>MATH 0920</td>
<td>Basic Math / Pre-Algebra</td>
</tr>
<tr>
<td></td>
<td>31 – 53</td>
<td>MATH 0990</td>
<td>Elementary Algebra</td>
</tr>
<tr>
<td></td>
<td>54 – 88</td>
<td>MATH 1010</td>
<td>Intermediate Algebra</td>
</tr>
<tr>
<td></td>
<td>89 – 94</td>
<td>MATH 1030</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td></td>
<td>89 – 94</td>
<td>MATH 1040</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td></td>
<td>89 – 94</td>
<td>MATH 1050</td>
<td>College Algebra/Pre-Calculus</td>
</tr>
</tbody>
</table>
### Placement Score Equivalents

#### READING

<table>
<thead>
<tr>
<th>Course</th>
<th>ACT</th>
<th>CPT</th>
<th>SAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 0470 Basic Reading</td>
<td>0 – 11</td>
<td>0 – 41</td>
<td>0 – 290</td>
</tr>
<tr>
<td>ENGL 1470 Critical Reading</td>
<td>12 – 16</td>
<td>42 – 65</td>
<td>300 – 410</td>
</tr>
<tr>
<td>ENGL 1010 Introduction to Writing*</td>
<td>17 – 19</td>
<td>66 – 120</td>
<td>420 – 800</td>
</tr>
</tbody>
</table>

#### ENGLISH / WRITING

<table>
<thead>
<tr>
<th>Course</th>
<th>ACT</th>
<th>CPT</th>
<th>SAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 0995 Beginning Writing Lab</td>
<td>0 – 15</td>
<td>0 – 69</td>
<td>0 – 370</td>
</tr>
<tr>
<td>ENGL 0990 Beginning Writing</td>
<td>0 – 18</td>
<td>0 – 85</td>
<td>0 – 440</td>
</tr>
<tr>
<td>ENGL 1010 Introduction to Writing*</td>
<td>19 – 36</td>
<td>86 – 120</td>
<td>450 – 800</td>
</tr>
</tbody>
</table>

#### MATHEMATICS

<table>
<thead>
<tr>
<th>Course</th>
<th>ACT</th>
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<th>SAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 0920 Basic Math / Pre-Algebra</td>
<td>0 – 12</td>
<td>0 – 30</td>
<td>0 – 290</td>
</tr>
<tr>
<td>MATH 0990 Elementary Algebra</td>
<td>13 – 17</td>
<td>31 – 53</td>
<td>300 – 420</td>
</tr>
<tr>
<td>MATH 1010 Intermediate Algebra</td>
<td>18 – 22</td>
<td>54 – 88</td>
<td>430 – 530</td>
</tr>
<tr>
<td>MATH 1030 Quantitative Reasoning</td>
<td>23 – 28</td>
<td>89 – 94</td>
<td>540 – 640</td>
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<tr>
<td>MATH 1040 Intro to Statistics</td>
<td>23 – 28</td>
<td>89 – 94</td>
<td>540 – 640</td>
</tr>
<tr>
<td>MATH 1050 College Algebra / Pre-Calculus</td>
<td>23 – 28</td>
<td>89 – 94</td>
<td>540 – 640</td>
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<tr>
<td>MATH 1060 Trigonometry</td>
<td>25 – 29</td>
<td>95 – 104</td>
<td>580 – 650</td>
</tr>
<tr>
<td>MATH 1065 MATH 1050/1060</td>
<td>25 – 29</td>
<td>95 – 104</td>
<td>580 – 650</td>
</tr>
<tr>
<td>MATH 1100 Business Calculus</td>
<td>25 – 29</td>
<td>95 – 104</td>
<td>580 – 650</td>
</tr>
<tr>
<td>MATH 1210 Calculus I</td>
<td>26 – 36</td>
<td>105 – 120</td>
<td>600 – 800</td>
</tr>
</tbody>
</table>

*Both scores are required*
ACADEMIC ADVISEMENT CENTER
Director: Rick Palmer
Office: 201 Whitehead Student Services Center
Office Hours: Monday – Friday 8 a.m. – 5 p.m.
Phone: (435) 652-7690
E-mail: palmer@dixie.edu
Web: www.dixie.edu/ advisement

What is academic advising?
Academic advising is a service provided through the Academic Advisement Center. From orientation through graduation, your academic advisor is a primary resource regarding academic issues, opportunities, degree requirements, programs for your field of study, and transfer to another institution.

Who in the Academic Advisement Center can assist you?
Director of Academic Advisement
High School Transition Coordinator
Academic Intervention Coordinator
NCAA Athletes Coordinator
Advisement & Registration Coordinator
Pre-Professional Coordinator
Advisor Training & Development Coordinator
Retention Coordinator
Associate of Arts/Science Graduation Advisors
Returning Adults Coordinator
General Education Advisors
Transfer Out Coordinator

When should you meet with your advisor?
You will be able to meet with your advisor while attending summer Advisement & Registration. As a returning adult or transfer student, you can also meet with your advisor in the Academic Advisement Center or you can meet directly with your program advisor. Meeting with your advisor just before registration will reduce your risk of taking unnecessary courses or otherwise straying from your desired graduation plan. Your advisor will encourage you to meet more often to assist you in completing your degree requirements and apply for graduation in a timely manner.

How can your advisor help assist you?
Your advising experience is more than sharing information about academic courses and programs; it includes formulating important questions about the nature and direction of your education and finding the answers to those questions. As you progress through your academic program, your questions and concerns may change, and as they do your advisor can direct you to those answers. As you continue to work with your advisor, you will be assisted in developing a coherent and balanced program of study that fulfills your graduation requirements.

What can you expect when meeting with an advisor?
Your advisor will:

• Discuss your goals and interests to help you develop a strategy for achieving your academic and future career goals.
• Understand your career opportunities and refer you to Career Services as needed.
• Provide you with accurate, up-to-date information regarding the requirements of the certificate/degree you plan to pursue.
• Assist you in selecting courses appropriate to your goals.
• Orient you to academic policies, procedures, requirements, and deadlines.
• Challenge you to develop strong decision-making and self-advocacy skills and promote self-directed learning.
• Educate you regarding online advisement resources.
• Refer you to additional services as needed.

What can you do after meeting with your Academic Advisor?
You will be able to:

• Make your own decisions regarding your personal academic goals.
• Register for courses or making changes to your schedule.
• Approach your professors or college administrators to resolve issues.
• Keep your advisor informed about changes in your academic progress, course selection, and career goals.
• Recognize the academic deadlines and the calendar.
• Be familiar with prerequisites and graduation requirements for the certificate or degree you are pursuing.
• Discuss with your advisor how prerequisites will affect the sequencing of classes.
• Understand academic performance standards.
• Know the GPA requirements for graduation and degree programs.
What are Academic Standards?
Dixie State College is an open-enrollment institution; because of this, all students with the desire to succeed are welcome to attend classes. However, each student must assume the responsibility to progress academically while attending the college.

Students are considered to be in good standing with the institution as long as the student’s cumulative GPA remains above a 2.0. Remember, transfer credits carry the same academic weight as the credits earned at Dixie State College.

If a student’s cumulative GPA is below a 2.0, s/he will be placed on Academic Warning, Academic Probation, or Academic Suspension. Therefore, it is vital for students’ academic success that they keep or return their GPA to at least a 2.0 or higher. A student with a cumulative GPA below 2.0 cannot graduate from Dixie State College and may have holds placed on his/her accounts. Students should contact the Academic Advisement Center at (435) 652-7690 if their GPA falls below 2.0 to develop a plan of action for academic success.

What are the categories of low academic status?

- **Academic Alert**: A semester GPA below 2.0 while the student’s cumulative GPA remains above a 2.0.
- **Academic Warning**: This status will occur when a student’s semester GPA is below a 2.0 as well as their cumulative GPA falls below a 2.0.
- **Academic Probation**: If a student on Academic Warning fails to raise his/her cumulative GPA above a 2.0 they will be placed on Academic Probation. Students who find themselves on Academic Probation will be required by the institution to meet certain requirements to remain eligible for enrollment at Dixie State College.
- **Academic Suspension**: If a student on Academic Probation does not achieve a 2.0 the semester or semesters following their probation, the student will be suspended for at least one regular semester (fall or spring) and be required to petition the college for readmission.

What is Advisement & Registration (A&R)?
The A&R program will assist in the transition of new students to DSC’s campus. A&R will demonstrate the registration process and advise students on finding which degree is best for them. The A&R program will show students how to be responsible for their academic careers while being guided by an academic advisor. A&R will introduce and explain student services, academic programs, and all other services and resources that will aid students toward their academic success at DSC.

What is Dmail?
Dmail is your Dixie State College email account. This email account will be used by professors, financial aid, registration, cashier’s office, academic advisement, campus security, student government, and many other DSC departments to contact you when needed. It’s important to check your Dmail account frequently or you might miss key information about class assignments, campus notifications, graduation status, and your scholarship—to name a few.

Dmail is a Google account which means it will function like a Gmail account. This means your Dmail account will not be terminated after your time at Dixie State is completed. By keeping your account active, you can still be an involved member of DSC’s campus life wherever you go.

To activate your Dmail account, click on the link sent to the email account you provided on your application for admission, or call the Smith Computer Center Help Desk at (435) 652-7960. If your Dmail account is already active, it can be accessed by clicking “Dmail” on the left side of the college’s website, www.dixie.edu.

What is Blackboard Vista?
Blackboard Vista is an online system for students and instructors to share information, assignments, and other materials that relate to your classes and your education. Many professors use Blackboard for online courses, including LIB 1010 and CIS 1200. Some professors use Blackboard as a supplemental resource for coursework by posting course syllabi, assignments, related documents, notes, videos, web links, and updated grades. Blackboard also lists all of your classmates so you can get in touch with them throughout the semester for questions or even form study groups. Your individual login information for Blackboard is the same as for your Dmail account. You can access Blackboard by clicking “Blackboard Vista” on the left side of the college’s website, www.dixie.edu.

What is the Dixie One Card?
The Dixie One Card has multiple uses while you attend Dixie State College. First, the card is your student ID and proves your status as an admitted and enrolled student. As an ID card, it will allow you to access student events and check out materials from the Library, as well as use the Computer Center, Fitness Center, Tutoring Center, and other campus resources.

Second, the card is used for financial purposes. The Financial Aid Office applies excess funds from scholarships, grants, and loans to the card. Once funds are placed on the card, it can be used just like a debit card both on and off campus. The cafeteria also uses the card for all meal plans.
What is “Login Student Services”?  
Login Student Services is where students can find and update all information related to their status as a DSC student. Students can register for classes, view grades, order official transcripts, view financial aid accounts, and change their contact information. The Login Student Services system should be used frequently to assure students of their standing with the college. The link is located at the top of DSC’s home page (www.dixie.edu). Selecting the link will direct students to a page where they are asked to enter their user ID and pin. After doing so, students will be able to access any of the previously mentioned services as well as many others.

Testing Center  
DSC strives to help students to define, shape and achieve educational and life goals. It is dedicated to providing personalized and excellent teaching in a learning environment where all students can become passionate about their individual educational endeavors. The Testing Center offers placement exams required for enrollment in many DSC General Education classes. In addition, some professors require students to take tests in the Testing Center outside of normal class time. (See the Testing Center section of this catalog)

Tutoring Center  
The Tutoring Center is located on the first floor of the Browning Learning Resource Center. Free drop-in tutoring is available to all registered Dixie State College students who are seeking assistance in select general education courses, including various Math and Science courses. Drop-in tutoring allows students to work on assignments independently while having the opportunity to have tutor assistance when needed. This also encourages the formation of study groups because students will often make contact with other students in the same subject area. Finally, it allows students the flexibility to come in at their convenience during posted hours instead of keeping set appointments with a tutor. (See the Tutoring Center section of this catalog)

Writing Center  
The Dixie State College Writing Center is located on the first floor of the Browning Learning Resource Center. Writing Center services are free to DSC students, and the mission is to help students become better writers by approaching writing assignments as a process of invention, writing, and revision. The Writing Center is staffed by peer tutors who offer suggestions, instruction, and tips to help improve writers’ individual skills. However, the Writing Center is not a proofreading service. The focus is on helping students become better writers rather than correcting every single mistake in an essay. Tutors give basic suggestions for improvement and teach students to review their own papers.

The DSC online writing lab (OWL) at http://dsc.dixie.edu/owl/ will guide you to many sites that can assist you in your writing. You can get help with writing skills such as brainstorming, revision, punctuation, and usage. You will also find links to research sites, and MLA and APA Research Style Guides. You can even submit your paper to the Writing Center by sending it as an e-mail attachment to owl@dixie.edu. (See the Writing Center section of this catalog)

Disability Resource Center (DRC)  
The DRC provides services and accommodations to students with disabilities as mandated by Section 504 of the Rehabilitation Act of 1973 and the ADA of 1990. The DRC works closely with faculty and staff in an advisory capacity and assists in the development of reasonable accommodations that allow students with disabilities to fully participate in all of the programs offered on campus.

Within three days of receiving required new student information, the DRC will send each new student an e-mail updating them on their status. Students are encouraged to maintain contact with the DRC coordinator to ensure appropriate accommodations are made available. (See the Disability Resource Center section of this catalog)

Health & Wellness Center  
The Wellness Center’s mission is to enhance the health and well-being of students, faculty, and staff. Personnel strive to provide confidential and accessible assistance to those who seek help, and this is achieved by utilizing specific areas of healthy development: Physical, Emotional, and Intellectual.

For students without health care insurance, the Health & Wellness Center offer vouchers to InstaCare allowing a student to be seen by a doctor. For students who find themselves with a mental health need, the Health & Wellness Center can refer them to a counselor at either Kolob Counseling or Counseling Services of Southern Utah. (See the Health & Wellness Center section of this catalog)
Dixie State College of Utah offers a comprehensive and varied program of financial aid. The purpose of the Financial Aid & Scholarships Office is to help eligible students bridge the gap between what they and their families can be expected to pay and what it will cost to attend Dixie State College. This section is divided into two parts: Financial Aid and Scholarships.

FINANCIAL AID

Financial aid is awarded on the basis of need and other eligibility criteria established by the U.S. Department of Education and other agencies at the state level. There is no discrimination based on race, color, religion, age, sex, national origin, pregnancy-related condition, handicap, or status as a veteran.

Guidelines for Financial Aid Applications

1. **APPLY EARLY!** Because of complex federal requirements, it can take four to six weeks to process an accurate application. Errors will delay your award. Campus-based funds are awarded to early applicants according to need. Once campus-based limited funds have been awarded, applicants will be considered for Pell Grants and Federal Direct Student Loans only. Make sure you apply in time to meet financial aid deadlines.

2. Applying early will help you avoid unforeseen issues or allow those issues to be resolved in time to transfer funds to your account before the first day of the semester.

   It is the student’s responsibility to ensure that your DSC account is paid in full by the posted deadlines for tuition, fees, and other payments. There is no guarantee that financial aid will cover the total balance of your account or that it will be available by the payment deadline.

3. **Apply for admission.** You will not be awarded any financial aid until you have completed the DSC admission process, including payment of the admission fee.

4. **Check your Dmail.** As soon as you apply, you are assigned a Dmail account. We will notify you through your Dmail account if you have unmet requirements. This is also where you will be notified of the amount of your financial aid award and any other important information you will need to know concerning financial aid. Information about accessing your Dmail account can be found in the Academic Advisement section of this catalog.

5. **Be Aware of Privacy Restrictions.** You must complete the DSC Release of Student Information form (FERPA) if you want your parents, spouse, or a third party to have access to your financial aid information. If this form is not completed, we will only communicate pertinent financial aid information with you (the student).

How to Apply for Financial Aid

1. **Complete the FAFSA.** Complete the Free Application for Federal Student Aid (FAFSA). Submit it to the Federal processor at least 8 weeks before the beginning of the semester you want to receive aid. Dixie State College’s institutional code is 003671. The FAFSA is available at http://www.fafsa.ed.gov/.

2. **Admission.** Be certain that the Admission Office has a complete and current application for you. To be eligible for financial aid, your record must show:

   a. **You are enrolled as a degree-seeking student.**
   b. **You are enrolled in an approved major.** Contact Academic Advisement if you have questions.
   c. If you are age 18 or old or if your high school class has graduated, you must have one of the following:
      i. High school diploma.
      ii. High school diploma equivalent (GED).
      iii. Passing score on approved test available at DSC Testing Center.

3. **Check your Student Services Online account** (Login to Student Services at www.dixie.edu). Check and update your address and telephone contact information so we can contact you about your financial aid if needed.
4. **Check your Dmail account.** Information regarding any additional documentation needed by Financial Aid Office requires to complete your file will be sent to your Dmail account. Submit required information as soon as possible. A delay in receiving the required documents will postpone disbursement of aid to your student account.

5. **Check your Student Services Online access account** Check your account 7 – 10 days after submitting your FAFSA. Thereafter, check your account every 2 – 3 days for award notification, revisions, and updates.

6. **Check your Dmail account.** Once the Financial Aid Office has reviewed your file, you will be notified of your award through your Dmail account. Check your Dmail account every 2 – 3 days.

### After You Have Been Awarded Financial Aid

1. **Reply.** Review grants and accept loans and work study awards online through your Student Services Online access account (Login to Student Services at www.dixie.edu).

2. **Register.** If you haven’t already done so, register for your classes. There are no financial aid adjustments for credit hours after the 3rd week of each semester. (See Financial Aid Credit Enrollment chart below). If you add a class after the third week – even if it is a block session course – the Pell Grant award cannot be adjusted to include the additional credits.

3. **Enrollment Requirements.** The number of credit hours in which you enroll each semester may affect the amount and types of aid you are eligible to receive. Students must seek a letter grade in each course they attempt for it to count toward their total financial aid hours.

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4. If you are awarded a **Federal Direct Student Loan** (subsidized, unsubsidized, or PLUS) and you are a first-time borrower at Dixie State College, you must complete the Master Promissory Note (MPN). The information needed to complete your MPN will be sent to your Dmail account.

5. If you are awarded a **Federal Perkins Loan**, contact Hailey Orr (435) 652-7607 or orr@dixie.edu to schedule an appointment to complete your Perkins Loan promissory note.

6. If you are awarded **Work Study**, you need to fill out a Work Study job application and go to interviews on campus. The DSC Work Study application is available at http://www.dixie.edu/financial/employment/workapp.php. To assist you in finding employment on campus and being successful at your Work Study job, the Work Study Handbook is available at http://www.dixie.edu/financial/employment/employee.php.

7. **Receiving Excess Funds.** If you have remaining funds, after your tuition and all fees are paid, they will be deposited onto your Dixie One account. You should receive this card in the mail approximately 10 business days after you register for your classes.
SCHOLARSHIPS

The scholarship deadline is March 1st each year. To be considered for a scholarship, you must first be a Utah resident who has been admitted to DSC. Once you have completed the full admission process, you will automatically be considered for a scholarship. Application, admissions fee, high school transcripts, and ACT or SAT scores must be received by March 1st for scholarship consideration.

Dixie State College awards Academic Scholarships based on High School GPA & ACT scores. Students must submit ACT or SAT scores prior to the March 1 deadline to be considered for a scholarship.

Other placement tests, including the CPT/Accuplacer, are not accepted. Students are encouraged to take the ACT on one of six national testing days. The DSC Testing Center offers the ACT Residual Test. For information, dates, cost, and exclusions, go to testcenter@dixie.edu, or check the Testing Center section of this catalog.

Scholarship information, eligibility and deadlines can be found at: http://new.dixie.edu/financial/scholarships/index.php

Non-Resident Tuition Waivers & Scholarship Applications
Non-residents who wish to apply for a tuition waiver or scholarship must complete an additional application located at www.dixie.edu/financial/scholarships/nonresidents.php. Read the requirements of each scholarship/waiver and select the one(s) that fit your circumstances. In order to be considered, you must first be fully admitted to Dixie State College. Waivers are limited in number and students will be selected based on date of application and highest GPA first. All applications received after March 1st will be placed on a waiting list and awarded as funds become available.

Request for Academic Scholarship Deferment
Academic Scholarships may be deferred for up to five (5) semesters (not including summer semesters) with a written request. Deferment request forms are available at www.dixie.edu/financial/scholarships. Departmental Scholarships, Talent and Performing Arts Scholarships, Athletic Scholarships, and Endowment Scholarships are not deferrable and will require a new application upon return to Dixie State College. Students must be in “good standing” at the time of the deferment request by meeting the requirements for GPA and credit hours as set forth in the award letter.

Acceptable reasons for scholarship deferments include military service, church service, volunteer service, severe medical condition, and financial hardship. To have a deferred scholarship reinstated upon return to Dixie State College, contact Sue Perschon, Scholarship Coordinator, at sperschon@dixie.edu. Be sure to include your full name, DSC student ID number, and the semester you plan to return. Scholarship deferments will not be granted for attendance at another college or university. Students who leave Dixie State College to attend another institution forfeit their scholarships.
CONCURRENT ENROLLMENT
Becky Smith, Associate Dean Academic Outreach
(435) 652-7836
bsmith@dixie.edu
Sheila Cannon, Administrative Assistant
(435) 652-7739
cannon@dixie.edu
Website: http://www.dixie.edu/concurrent

The concurrent enrollment program is a state-funded opportunity for high school students to get a head start in college while completing the requirements for high school graduation. At Dixie State College, the majority of concurrent enrollment students attend class on the DSC campus and are enrolled with regular college students. A small percentage of concurrent enrollment courses are taught in the local high schools. Students taking classes on a high school campus complete the same requirements as any other student would on the college campus. However, they are located on a high school campus.

To participate in concurrent enrollment, a student must be eligible, must be approved by the appropriate high school counselor, and must

- Apply for admission to Dixie State College and pay the admission fee
- Supply ACT scores or take required placement tests
- Be a high school junior or senior
- Have a high school GPA of at least 3.0
- Be completing requirements at an approved school district at a public high school
- Take at least one class at the high school
- Register for 1 – 2 college classes (more classes can be approved by the appropriate high school guidance counselor)
- Take at least 3 college credits
- Complete no more than 15 credits per semester / 30 credits per academic year (summer is not available for concurrent enrollment)
- Purchase textbooks and other required materials

Classes include General Education and career and technical education. Specific classes have been approved for concurrent enrollment credit and state funding. No tuition is required for these classes as the State of Utah provides funding for each student. However, students are required to pay the one-time admission fee and purchase their own textbooks.

Not all college classes are approved to receive concurrent enrollment funding. Therefore, if classes are not included on the approved course list (located at http://dixie.edu/concurrent/step_3.php), they are not eligible for state funding. Students who register for classes that are not listed are responsible to pay the tuition and fees associated with those classes.

At the end of fall and spring semesters, the student receives a grade(s) on a Dixie State College transcript which is an official and permanent document. Grades earned will affect the Grade Point Average (GPA) for future scholastic progress including financial aid eligibility and the ability to receive a scholarship at college. The grades are also sent to the high school to be posted on the student's high school transcript.
INTERNATIONAL STUDENT SERVICES

Coordinator: Michael Thompson
Office: 209 Whitehead Student Services Center
Phone: (435) 652-7689
FAX: (435) 656-4070
Email: mthompson@dixie.edu
Website: http://www.dixie.edu/reg/international/

International Student Admission Requirements:

International student applicants should complete the following requirements as outlined at http://www.dixie.edu/reg/international/admissions_requirements.php:

1. Complete the online International Student Application for Admissions. Submit a $50.00 (in U.S. currency) non-refundable application fee by check, money order, or credit card along with the application. Application available at https://www.dixie.edu/reg/?page=international_application.

2. Submit all secondary (U.S. 12th grade or high school equivalent) transcripts to Dixie State College. If an original cannot be provided, a certified true copy will be accepted. If the transcripts are not in English, a certified English translation of all documents is required. In order for students to receive credit for college work completed outside of the U.S., transcripts need to be sent to a credential evaluation service for verification of course equivalency to a regionally accredited college in the U.S. Once a transcript from a credential evaluation service is received, a certified English translation of the course descriptions for courses to be evaluated for specific equivalent will be required; otherwise all courses will be transferred as elective credit.

3. Submit a bank statement and DSC International Student “Affidavit of Support” showing that amount and source of funding (see current International Student Tuition). International Students planning to attend Dixie State College must have a statement of financial status from a bank or other lending institution showing a source of income for the expenses listed under “Total Costs and Expenses.” The bank statement must be attached to the affidavit. http://dixie.edu/reg/international/File/Financial%20Statement2010-11.pdf

4. Submit a copy of your passport.

5. If English is not your primary language, you may need to take ESL courses based on your TOEFL score or other accepted proficiency tests. English proficiency can also be assessed upon arrival.

6. International Transfer Students. Students currently studying at another U.S. college or university on an F-1 visa who wish to transfer to DSC will need to provide the documents as outlined above along with a transcript from their current college and an “International Student Transfer Form” from DSC.

Other General Requirements:

- Dixie State College requires International students to show proof of insurance upon arrival at Dixie State College. (can be completed within 30 days of arrival)
- The state of Utah requires all international students be tested for tuberculosis. (can be completed within 30 days of arrival)
- Immigration law states that International Students studying on an F-1 visa are required to maintain a full course of study (minimum of 12 credits per semester). International students must study two consecutive semesters to be eligible for a semester break.
- Immigration law states that International Students studying on an F-1 visa cannot work outside campus. Students working on campus are limited to 20 hours of work per week.
2010 – 2011 Tuition & Fee Schedule (Per Semester)

Students can view their statements and securely pay online by logging on to Student Services at http://www.dixie.edu. Students will not be mailed a billing statement. A tuition installment payment plan is available. For specific policies regarding payment of tuition and fees and refunding, see http://www.dixie.edu/humanres/polstu.html.

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| Information Technology  | BA / BS w/ 2 emphases | • Computer & Information Technology Emphasis  
• Integrated Studies Emphasis |                    |                    |
| Integrated Studies      | BA / BS w/ 2 emphases | • Art Emphasis  
• Biology Emphasis  
• Business Emphasis  
• Criminal Justice Emphasis  
• Communication Emphasis  
• Computer Science Emphasis  
• English Emphasis  
• Information Technology Emphasis  
• Management & Operations Emphasis  
• Mathematics Emphasis  
• Music Emphasis  
• Psychology Emphasis  
• Spanish Emphasis  
• Theatre Emphasis  
• Visual Technologies Emphasis |                    |                    |
| Management & Operations | Integrated Studies Emphasis | AAS in Operations Management |                    |                    |
| Marketing               |                   | AAS in General Marketing  
General Marketing |                    |                    |
| Mass Communication      |                   | Communication Emphasis |                    |                    |
| Mathematics             |                   | Integrated Studies Emphasis |                    |                    |
| Medical Radiography     |                   | AAS |                    |                    |
| Music                   | BA / BS | Integrated Studies Emphasis |                    |                    |
| Nursing                 | BS (BSN) | AAS (ADN)  
Practical Nurse PN  
Nurse Assistant CNA |                    |                    |
| Phlebotomy              |                   | Phlebotomy |                    |                    |
| Physical Therapist      |                   | AAS |                    |                    |
| Psychology              | BA / BS | Integrated Studies Emphasis |                    |                    |
| Respiratory Therapy     |                   | AAS |                    |                    |
| Secondary Education     | Licensure (with approved bachelor’s degree) | |                    |                    |
| Spanish                 |                   | Integrated Studies Emphasis | Surgical Technology | Surgical Technology |
| Surgical Technology     |                   | |                    |                    |
| Theatre                 | BA / BS | Integrated Studies Emphasis | |                    |
| Visual Technologies     |                   | • Business Administration Emphasis  
• Computer & Information Technology Emphasis  
• Integrated Studies Emphasis | | Visual Technologies |
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<th>ACCREDITATIONS</th>
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<td>Dixie State College of Utah</td>
<td>Accredited by the Northwest Commission on Colleges and Universities (NWCCU).</td>
<td>NWCCU 8060 165th Ave. NE, Suite 100 Redmond, WA 98052 (425) 558-4224 <a href="http://www.nwccu.org">http://www.nwccu.org</a></td>
</tr>
<tr>
<td>Automotive Technology Program</td>
<td>Accredited by the National Automotive Technicians Education Foundation, the education arm of the National Institute for Automotive Service Excellence (ASE).</td>
<td>NATEF 101 Blue Seal Drive, Suite 101 Leesburg VA 20175 (703) 669-6650 <a href="http://www.natef.org">http://www.natef.org</a></td>
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<tr>
<td>Dental Hygiene Program</td>
<td>“Approval without reporting requirements” status from Commission on Dental Accreditation (CODA), which operates under the auspices of the American Dental Association (ADA).</td>
<td>CODA 211 East Chicago Ave Chicago IL 60611 (312) 440-4653 <a href="http://www.ada.org/312.aspx">http://www.ada.org/312.aspx</a></td>
</tr>
<tr>
<td>Education Program</td>
<td>Approved by the Utah State Board of Education using the Utah Standards for the Approval of Teacher Education programs.</td>
<td>Utah State Board of Education 250 East 500 South P.O. Box 144200 Salt Lake City UT 84114-4200 (801) 538-7500 <a href="http://www.schools.utah.gov">http://www.schools.utah.gov</a></td>
</tr>
<tr>
<td>Education Department</td>
<td>The Department of Education is currently a candidate for national accreditation with the Teacher Education Accreditation Council (TEAC). The program is expecting to have full Initial Accreditation by Fall 2010.</td>
<td>TEAC One Dupont Circle NW, Suite 320 Washington, D.C. 20036 (202) 466-7236 <a href="http://www.teac.org">http://www.teac.org</a></td>
</tr>
<tr>
<td>Emergency Medical Services Program</td>
<td>Accredited through the Joint Review Committee on Education Programs for EMT-Paramedic (now called the Commission on Accreditation of Allied Health Education Programs – CAAHEP).</td>
<td>CAAHEP 1361 Park Street Clearwater, FL 33756 Phone: 727-210-2350 <a href="http://www.caahep.org">www.caahep.org</a></td>
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<tr>
<td>Medical Radiography</td>
<td>Accredited through the Joint Review Committee on Education in Radiologic Technology (JCERT).</td>
<td>JRCERT 20 N. Wacker Dr, Suite 2850 Chicago IL 60606-3182 (312) 704-5300 <a href="http://www.jcert.org">http://www.jcert.org</a></td>
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<tr>
<td>Nursing Program</td>
<td>Practical and Associate Degree Nursing Programs approved by the Utah Board of Nursing and accredited by the National League for Nursing Accrediting Commission, Inc. since 2002. RN-to-BSN program currently a candidate for accreditation by the NLNAC.</td>
<td>NLNAC, Inc. 3343 Peachtree Rd NE, Suite 500 Atlanta GA 30326 (404) 975-5000 <a href="http://www.nlnac.org">http://www.nlnac.org</a></td>
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<td>Physical Therapist Assistant Program</td>
<td>Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education, a division of the American Physical Therapy Association (APTA).</td>
<td>CAPTE 1111 North Fairfax St. Alexandria VA 22314 (703) 706-3245 <a href="mailto:accreditation@apta.org">accreditation@apta.org</a></td>
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<td>Respiratory Therapy Program</td>
<td>Letter of Review from the Committee on Accreditation for Respiratory Care (CoARC). This accreditation status guarantees graduates will be eligible to sit their national credentialing examinations.</td>
<td>CoARC 1248 Harwood Rd. Bedford TX 76021-4244 (435) 354-8519 <a href="http://www.coarc.com">http://www.coarc.com</a></td>
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<tr>
<td>Surgical Technology Program</td>
<td>Accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).</td>
<td>CAAHEP 1361 Park Street Clearwater FL 33756 (727) 210-2350 <a href="http://www.caahep.org">http://www.caahep.org</a></td>
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GENERAL EDUCATION
The Philosophy of General Education
Undergraduate education offers not only specialized knowledge and professional skills, but also the multiple views and general intellectual abilities developed by the study of liberal arts and sciences. General Education is the component of the undergraduate curriculum devoted to exposing students to multiple areas of knowledge, methods of inquiry, and ideas that the College and scholarly community believe are common to well-educated persons. Ideally, General Education empowers individuals, liberates the mind from ignorance, and cultivates social responsibility. General Education forms the basis for developing important intellectual capacities and skills. It also provides a strong foundation for future learning, both within a college major and for the rest of one’s life.

Some people believe that General Education simply means courses to "get out of the way". We could not disagree more. Instead, general education forms the foundation for a life-time of learning and is a critical component of liberal education. According to the American Association of Colleges and Universities (2002) liberal education is "a philosophy of education that empowers individuals, liberates the mind from ignorance, and cultivates social responsibility," and General Education is "the part of a liberal education shared by all students. It provides broad exposure to multiple disciplines and forms the basis for developing important intellectual and civic capacities."

General Education Mission
The General Education program at Dixie State College of Utah develops citizen-scholars as it:
• Fosters the development of knowledge across a broad range of liberal arts and sciences disciplines.
• Provides students with the intellectual tools required to think critically and communicate effectively.
• Equips students with the information literacy and quantitative reasoning skills that facilitate success in college and in life.
• Challenges students to explore and appreciate diversity in a globalized world.
• Encourages students to evaluate the responsibilities of citizenship.
• Prepares students for life-long learning.

General Education Learning Goals
1. Broad Knowledge of the Liberal Arts & Sciences
Students will examine the world and its people from various points of view. They will learn about ideas and beliefs that have guided human beings and shaped civilization for thousands of years. Students will:
• Demonstrate comprehensive knowledge of the human past, including the historical development of human knowledge in global contexts.
• Compare and contrast differing philosophical and cultural perspectives.
• Describe and analyze core concepts and theories within the natural sciences and apply the methods of the natural sciences in order to formulate answers to important questions.
• Describe and analyze core concepts and theories within the arts and humanities and apply the techniques of the arts and humanities in order to formulate answers to important questions.
• Describe and analyze core concepts and theories within the social and behavioral sciences and apply the methods of the social and behavioral sciences in order to formulate answers to important questions.

2. Critical Thinking
Students will gain the ability to use knowledge, claims of evidence, and content to reason ethically and reach conclusions, as well as to innovate in imaginative ways. These steps are equally applicable to different kinds of problems such as scientific theory development and testing, ethical problem solving, and innovation. Students will:
• Define, analyze, and formulate solutions to problems by synthesizing core concepts within and across disciplines.
• Assess the accuracy and validity of findings and conclusions.
• Comprehend and examine how one thinks, reasons, and makes value judgments.
• Demonstrate sustained intellectual curiosity through exploration of emerging issues.

3. Effective Communication
Students will learn to communicate effectively. Communication is a process by which we assign and convey meaning in an attempt to create shared understanding. Human communication facilitates insight, collaboration, the exchange of ideas, and the progress of culture. Students will:
Comprehend and manage basic communicative technologies, tools, and strategies in order to express ideas and facts in written, oral, quantitative, and visual formats.

Comprehend, interpret, analyze, and synthesize the written, oral, quantitative, and visual communication of others.

4. Information Literacy Skills

Students will develop their information literacy skills, including an understanding of the nature, organization, and methods of access and evaluation of both electronic and traditional resources. Students will:

- Identify the nature, extent, and sources of information needed in order to access information effectively and efficiently.
- Critically evaluate information and information sources.
- Use information effectively to accomplish a specific purpose.
- Identify and analyze the economic, social, legal, and ethical issues surrounding the access and use of information.
- Identify and use the following as appropriate: content-specific tools, software, simulations for research, information analysis, problem-solving, and decision-making in content learning.

5. Quantitative Reasoning

Students will analyze and communicate appropriately with mathematical and symbolic concepts. They will critically evaluate the quantitative and symbolic information used to represent and draw inference regarding problems. Students will:

- Gain the ability to visualize abstractions and apply them to a problem.
- Model physical and natural phenomena and assess the validity of a model, make predictions from the model, and draw conclusions based on that model.
- Understand numbers, analyze uncertainty, comprehend the properties of shapes, and investigate how things change over time.
- Identify and apply quantitative principles and methods in the solution of problems and draw and evaluate conclusions in order to check the logic and validity of statements and models.

6. Diversity and Globalization

Students will study groups, cultures, and societies as they interact and challenge each other. They will be encouraged to reflect critically and consciously in order to gain insight into how cultural identities and experiences shape individual perspectives of the world and influence interaction with people from different backgrounds. Students will:

- Identify cultural differences and examine how these differences influence cross-cultural understanding and conflict.
- Recognize and evaluate the implications of various social structures and the ways people are grouped by such characteristics as status, race, ethnicity, gender, and sexual orientation.
- Identify and analyze sources of cultural bias and prejudice and develop ways to reduce these and other forms of biases and prejudices.
- Describe and analyze the concepts of globalization and transnationalism in order to evaluate the interdependent nature of the world in which we live.

7. Responsibilities of Citizenship

Students will critically explore, evaluate, and reflect upon their own lives, careers, and interests in relation to the political process and the general welfare of society as a whole. Students will:

- Describe and analyze democratic political ideals and the various understandings of rights and obligations that citizens may be said to have in their own communities.
- Describe and analyze one’s own and others’ perceptions regarding responsibility for society’s moral / ethical well-being.
General Education Requirements
Required for all Associate of Science, Associate of Arts*, Bachelor of Science, and Bachelor of Arts** degrees.

July 1, 2010

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

General Education Core Requirements
Complete all of the following courses:

- ENGL 1010 Introduction to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Literacy 3.0
- LIB 1010 Information Literacy 1.0

Complete one (1) of the following Mathematics courses: 3.0-5.0

- MATH 1030 Quantitative Reasoning (3.0)
- MATH 1040 Introduction to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)
- MATH 1060 Trigonometry (4.0)
- MATH 1065 Pre-Calculus / Trigonometry (5.0)
- MATH 1100 Business Calculus (3.0)
- MATH 1210 Calculus I (5.0)
- MATH 1220 Calculus II (4.0)
- MATH 2210 Multivariable Calculus (3.0)

Complete one (1) of the following American Institutions courses: 3.0

- ECON 1740 Economic History of the U.S. (3.0)
- HIST 1700 American Civilization (3.0)
- POLS 1100 American Government (3.0)

General Education Breadth & Depth Requirements
Complete one (1) of the following Life Sciences courses: 3.0-5.0

- BIOL 1010 General Biology (3.0)
- BIOL 1610/1615 Principles of Biology I / Lab (4.0/1.0)
- BIOL 2400/2405 Plant Kingdom / Lab (3.0/1.0)
- NFS 1020 Scientific Foundations of Nutrition (3.0)

Complete one (1) of the following Physical Sciences courses: 3.0-5.0

- CHEM 1010 Introduction to Chemistry (3.0)
- CHEM 1110/1115 Elementary Gen - Organic Chem / Lab (4.0/1.0)
- CHEM 1210/1215 Principles of Chemistry I / Lab (4.0/1.0)
- GEO 1010 Introduction to Geology (3.0)
- GEO 1020 Life of the Past (3.0)
- GEO 1040 Introduction to Dinosaurs (3.0)
- GEO 1050/1055 Geology of the National Parks / Lab (3.0/1.0)
- GEO 1060 Environmental Geology (3.0)
- GEO 1080 Introduction to Oceanography (3.0)
- GEO 1110/1115 Physical Geology / Lab (4.0/1.0)
- GEOG 1000 Physical Geography (3.0)
Complete one (1) of the following Social & Behavioral Sciences courses:

- ANTH 1000 Introduction to Anthropology (3.0)
- ECON 1010 Economics of Social Issues (3.0)
- ECON 2010 Micro Economics (3.0)
- ECON 2020 Macro Economics (3.0)
- FCS 1500 Human Development Across the Lifespan (3.0)
- FCS 2400 Family Relationships (3.0)
- HIST 1100 Western Civilization I (3.0)
- HIST 1110 Western Civilization II (3.0)
- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development Across the Lifespan (3.0)
- SOC 1010 Introduction to Sociology (3.0)
- SOC 1020 Social Problems (3.0)
- SOC 1200 Sociology of the Family (3.0)

Complete one (1) of the following Fine Arts / Communication courses:

- ART 1010 Introduction to Art (3.0)
- ART 1100 Introduction to Design (3.0)
- ARTH 2710 Art History I (3.0)
- ARTH 2720 Art History II (3.0)
- COMM 1010 Elements of Effective Communication (3.0)
- COMM 1020 Public Speaking (3.0)
- COMM 2110 Interpersonal Communication (3.0)
- DANC 1010 Dance Appreciation (3.0)
- MUSC 1010 Introduction to Music (3.0)
- THEA 1013 Introduction to Theatre (3.0)

Complete one (1) of the following Literature / Humanities courses:

- ENGL 2130 Introduction to Science Fiction / Futurism (3.0)
- ENGL 2200 Introduction to Literature (3.0)
- ENGL 2230 Introduction to Mythology (3.0)
- ENGL 2270 Introduction to World Literature I (3.0)
- ENGL 2280 Introduction to World Literature II (3.0)
- ENGL 2330 Children’s Literature (3.0)
- ENGL 2400 Introduction to American Literature I (3.0)
- ENGL 2410 Introduction to American Literature II (3.0)
- ENGL 2500 Introduction to British Literature I (3.0)
- ENGL 2510 Introduction to British Literature II (3.0)
- ENGL 2600 Critical Introduction to Literature (3.0)
- HUM 1010 Introduction to the Humanities (3.0)
- PHIL 1000 Introduction to Philosophy (3.0)
- PHIL 1120 Social Ethics (3.0)
- THEA 1023 Understanding Movies (3.0)
- THEA 1026 Understanding Movies / FYE (4.0)
**Foreign Language Requirement** for **Associate of Arts** degree
Complete **two** (2) of the following courses in the **same language** 8.0
through coursework, examination, or vertical credit:

- ASL 1010  Beginning American Sign Language I (4.0)
- ASL 1020  Beginning American Sign Language II (4.0)
- ASL 2010  Intermediate American Sign Language I (4.0)
- ASL 2020  Intermediate American Sign Language II (4.0)
- FREN 1010  Beginning French I (4.0)
- FREN 1020  Beginning French II (4.0)
- FREN 2010  Intermediate French I (4.0)
- FREN 2020  Intermediate French II (4.0)
- GERM 1010  Beginning German I (4.0)
- GERM 1020  Beginning German II (4.0)
- GERM 2010  Intermediate German I (4.0)
- GERM 2020  Intermediate German II (4.0)
- JAPN 1010  Beginning Japanese I (4.0)
- JAPN 1020  Beginning Japanese II (4.0)
- JAPN 2010  Intermediate Japanese I (4.0)
- JAPN 2020  Intermediate Japanese II (4.0)
- SPAN 1010  Beginning Spanish I (4.0)
- SPAN 1020  Beginning Spanish II (4.0)
- SPAN 2010  Intermediate Spanish I (4.0)
- SPAN 2020  Intermediate Spanish II (4.0)

**Foreign Language Requirement** for **Bachelor of Arts** degree
Complete **four** (4) of the following courses in the **same language** 16.0
through coursework, examination, or vertical credit (check
individual degree requirements; some languages are restricted):

- ASL 1010  Beginning American Sign Language I (4.0)
- ASL 1020  Beginning American Sign Language II (4.0)
- ASL 2010  Intermediate American Sign Language I (4.0)
- ASL 2020  Intermediate American Sign Language II (4.0)
- FREN 1010  Beginning French I (4.0)
- FREN 1020  Beginning French II (4.0)
- FREN 2010  Intermediate French I (4.0)
- FREN 2020  Intermediate French II (4.0)
- GERM 1010  Beginning German I (4.0)
- GERM 1020  Beginning German II (4.0)
- GERM 2010  Intermediate German I (4.0)
- GERM 2020  Intermediate German II (4.0)
- JAPN 1010  Beginning Japanese I (4.0)
- JAPN 1020  Beginning Japanese II (4.0)
- JAPN 2010  Intermediate Japanese I (4.0)
- JAPN 2020  Intermediate Japanese II (4.0)
- SPAN 1010  Beginning Spanish I (4.0)
- SPAN 1020  Beginning Spanish II (4.0)
- SPAN 2010  Intermediate Spanish I (4.0)
- SPAN 2020  Intermediate Spanish II (4.0)
<table>
<thead>
<tr>
<th>GE Requirement</th>
<th>Course(s)</th>
<th>Prerequisite(s) / Notes</th>
<th>Credits</th>
</tr>
</thead>
</table>
| **English** | Complete the following:  
ENGL 1010 (3.0)  
Complete the following:  
ENGL 2010 (3.0)  
Computer Literacy Complete the following:  
CIS 1200 (3.0)  
Information Literacy Complete the following:  
LIB 1010 (1.0)  
| • Prerequisite English placement score  
• Prerequisite Reading placement score  
• Pre-/co-requisite: LIB 1010  
• Prerequisite ENGL 1010 (Grade C or higher)  
• Pre-/co-requisite: LIB 1010  
• Test out available after enrolling  
• Prerequisite English placement score  
• Test out available after enrolling  
| 3.0  
3.0  
3.0 |
| **Mathematics** | Complete one of the following:  
MATH 1030 (3.0)  
MATH 1040 (3.0)  
MATH 1050 (4.0)  
MATH 1060 (4.0)  
MATH 1065 (5.0)  
Complete the following:  
MATH 1030, 1040, 1050: Prerequisite Math placement score OR prerequisite course (MATH 1010 grade C or higher)  
Prerequisite Math score or course grade must have been earned within 2 years of enrolling for any of these courses  
| 3.0 – 5.0 |
| **American Institutions** | Complete one of the following:  
ECON 1740 (3.0)  
HIST 1700 (3.0)  
POLS 1100 (3.0)  
| • Prerequisite Reading placement score  
| 3.0 |
| **Life Sciences** | Complete one of the following:  
BIOL 1010 (3.0)  
BIOL 1610/15 (5.0)  
Complete one of the following:  
CHEM 1010 (3.0)  
CHEM 1110/15 (5.0)  
CHEM 1210/15 (5.0)  
GEO 1010 (3.0)  
GEO 1020 (3.0)  
GEO 1040 (3.0)  
Complete one of the following:  
ANTH 1000 (3.0)  
ECON 1010 (3.0)  
ECON 2010 (3.0)  
ECON 2020 (3.0)  
FCS 1500 (3.0)  
Complete one of the following:  
ART 1010 (3.0)  
ART 1100 (3.0)  
ARTH 2710 (3.0)  
ARTH 2720 (3.0)  
Complete one of the following:  
ENGL 2130 (3.0)  
ENGL 2200 (3.0)  
ENGL 2230 (3.0)  
ENGL 2270 (3.0)  
ENGL 2280 (3.0)  
ENGL 2330 (3.0)  
| 3.0 – 5.0  
3.0  
3.0  
3.0  
3.0  
3.0  |
| **Social & Behavioral Sciences** | Complete one of the following:  
ANTH 1000 (3.0)  
ECON 1010 (3.0)  
ECON 2010 (3.0)  
ECON 2020 (3.0)  
FCS 1500 (3.0)  
Complete one of the following:  
ART 1010 (3.0)  
ART 1100 (3.0)  
ARTH 2710 (3.0)  
ARTH 2720 (3.0)  
Complete one of the following:  
ENGL 2130 (3.0)  
ENGL 2200 (3.0)  
ENGL 2230 (3.0)  
ENGL 2270 (3.0)  
ENGL 2280 (3.0)  
ENGL 2330 (3.0)  
| 3.0  
3.0  
3.0  
3.0  
3.0  |
| **Fine Arts / Communication** | Complete one of the following:  
ART 1010 (3.0)  
ART 1100 (3.0)  
ARTH 2710 (3.0)  
Complete one of the following:  
ART 1010 (3.0)  
ART 1100 (3.0)  
ARTH 2710 (3.0)  
| 3.0  
3.0  
3.0  |
| **Literature / Humanities** | Complete one of the following:  
ENGL 2130 (3.0)  
ENGL 2200 (3.0)  
ENGL 2230 (3.0)  
ENGL 2270 (3.0)  
ENGL 2280 (3.0)  
ENGL 2330 (3.0)  
Complete one of the following:  
ENGL 2130 (3.0)  
ENGL 2200 (3.0)  
ENGL 2230 (3.0)  
ENGL 2270 (3.0)  
ENGL 2280 (3.0)  
ENGL 2330 (3.0)  
| 3.0  
3.0  
3.0  
3.0  
3.0  |
| **Foreign Language Requirement for Associate of Arts or Bachelor of Arts ONLY** | Foreign Language  
| AA: Complete 8 credits in a single foreign language (by coursework, examination, or vertical credit)  
BA: Complete 16 credits in a single foreign language (by coursework, examination, or vertical credit): Check degree restrictions.  
| 8.0  
16.0 |
AUTOMOTIVE TECHNOLOGY PROGRAM
Technology Building
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Program Description
The Automotive Technology program at Dixie State College provides students with the opportunity to increase their automotive mechanics skills for personal enrichment or in order to pursue a career. Career path courses are taught to the National Institute for Automotive Service Excellence (ASE) standards to prepare students for certification tests.

Accreditation
The Automotive Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF), the education arm of the National Institute for Automotive Service Excellence. The National Automotive Technician Education Foundation can be contacted at:

NATEF
101 Blue Seal Drive, Suite 101
Leesburg VA 20175
(703) 669-6650
http://www.natef.org

Degrees & Certificates
• Associate of Applied Science in Automotive Mechanics
• Automotive Mechanics Certificate

Associate of Applied Science in Automotive Mechanics

68 credits

General Education Requirements
Complete all of the following:

• ENGL 1010 Intro to Writing 3.0
• ENGL 2010 Intermediate Writing 3.0
• CIS 1200 Computer Literacy 3.0
• LIB 1010 Information Literacy 1.0
• COMM 2110 Interpersonal Communication 3.0

Complete one of the following: 3.0

• FCS 1500 Human Dev /Lifespan (3.0)
• PSY 1010 General Psychology (3.0)
• PSY 1100 Human Dev /Lifespan (3.0)
• SOC 1010 Introduction to Psychology (3.0)
• SOC 1020 Social Problems (3.0)

Program Requirements
Complete the following:
• MATH 1010   Intermediate Algebra    4.0

Suggested Prerequisite
Complete the following:

• AUTO 1100   Automotive Fundamentals / Lab (3.5)

Discipline Core Requirements
Complete the following:

• AUTO 1120   Suspension & Steering    6.0
• AUTO 1130   Brakes                      6.0
• AUTO 1320   Engine Repair               6.0
• AUTO 1430   Manual Transmissions /Drive Trains    6.0
• AUTO 1440   Automatic Transmissions     6.0
• AUTO 2100   Auto Electrical Systems    6.0
• AUTO 2220   Engine Performance I       6.0
• AUTO 2330   Electron/Heat/Air Cond.     6.0

Recommended (not required)
Complete the following:

• AUTO 2530   Adv Engine Perf: Alt Fuels (6.0)

Graduation Requirements
1. Complete a minimum of 68 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in each Discipline Core Requirement course.

Automotive Mechanics Certificate

24 credits

Core Discipline Requirements
Complete four (4) of the following courses:

• AUTO 1120   Suspension & Steering    6.0
• AUTO 1130   Brakes                      6.0
• AUTO 1320   Engine Repair               6.0
• AUTO 1430   Manual Transmissions /Drive Trains    6.0
• AUTO 1440   Automatic Transmissions     6.0
• AUTO 2100   Auto Electrical Systems    6.0
• AUTO 2220   Engine Performance I       6.0
• AUTO 2330   Electron/Heat/Air Cond.     6.0

NOTE: Courses prepare students for ASE Certification tests.

Completion Requirements

1. Complete a minimum of 24 college-level credits (1000 and above).
2. Grade C or higher in each required AUTO course.
BIOLOGY DEPARTMENT

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School of Science & Technology

Dean: Dr. Victor Hasfurther
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(435) 879-4801

Program Description
The Bachelor of Science in Biology degree at Dixie State College is designed to provide students with a firm foundation and understanding of the unifying concepts of biology, including those at the molecular, cellular, and ecosystem levels. It is also essential that biology students develop a strong background in the areas of chemistry, physics, and math because the comprehension and mastery of biological concepts is contingent upon the integration of these other sciences.
All biology students will complete a set of core courses focusing on general biology, genetics, ecology, evolution, cellular and molecular biology, scientific writing, and data analysis. These core areas are intended to prepare an underlying support for further study in biology. Upon completion of the core, students may select other upper-division biology courses that allow them to explore and develop in one or more areas (zoology, botany, microbiology, ecological, or molecular) of their choosing.

The versatility of the Biology degree will allow successful undergraduate Biology majors to enter professional programs in medicine, dentistry, and veterinary medicine, as well as other professional or graduate schools. Graduates of the Biology degree program may also opt for governmental or private-sector careers in such fields as natural resource management, environmental research, health care, the biomedical industry, independent laboratory research, or science teaching.

The Bachelor of Science Biology Secondary Education degree and the Bachelor of Science in Biology with Integrated Science Secondary Education degree at Dixie State College prepare students to become biology or biology and integrated science teachers at the secondary level. In addition to fulfilling the general education requirements of Dixie State College, students will complete a set of core courses in the sciences plus 39 credits of SET (Secondary Education Teacher) courses taught through the Education Department that will satisfy the State of Utah requirements for secondary teacher licensure. Students will also be required to take the appropriate PRAXIS exam(s) for secondary licensure.

Students are strongly encouraged to meet with an advisor in the Biology Department each semester to outline their programs of study and course sequences.

Degrees & Certificates

- Bachelor of Science in Biology
- Bachelor of Science in Biology Secondary Education
- Bachelor of Science in Biology with Integrated Science Secondary Education

Bachelor of Science in Biology 122 credits

The Bachelor of Science in Biology degree has five basic components:

1. Lower-division, General Education requirements, excluding Physical Science and Mathematics, which are included in degree requirements (22 credits)
2. Chemistry, physics, and math requirements (35 credits)
3. Biology major core courses (31 credits)
4. Upper-division biology elective courses (22 credits).
5. Elective credits (12 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Social & Behavioral Sciences GE approved course 3.0

2010 – 2011 CATALOG – DIXIE STATE COLLEGE OF UTAH
• Fine Arts / Communication GE approved course 3.0
• Literature / Humanities GE approved course 3.0

Program Requirements
Complete the following:

• CHEM 1210/1215 Principles of Chemistry I / Lab 4.0/1.0
• CHEM 1220/1225 Principles of Chemistry II / Lab 4.0/1.0
• CHEM 2310/2315 Organic Chemistry I / Lab 4.0/1.0
• CHEM 2320/2325 Organic Chemistry II / Lab 4.0/1.0
• MATH 1210 Calculus I 5.0

Complete one of the following series of courses: 5.0

• PHYS 2010/2015 College Physics I / Lab (4.0/1.0)
• PHYS 2020/2025 College Physics II / Lab (4.0/1.0)
OR
• PHYS 2210/2215 Physics for Scientists I / Lab (4.0/1.0)
• PHYS 2220/2225 Physics for Scientists II / Lab (4.0/1.0)

Discipline Core Requirements
Complete the following:

• BIOL 1610/1615 Principles of Biology I / Lab 4.0/1.0
• BIOL 1620/1625 Principles of Biology II / Lab 4.0/1.0
• BIOL 2030 Principles of Genetics 4.0
• BIOL 2220/2225 General Ecology / Lab 3.0/1.0
• BIOL 3010 Biological Evolution 3.0
• BIOL 3110 Scientific Writing 2.0
• BIOL 3150/3155 Introduction to Biometry / Lab 2.0/1.0

Complete one of the following sets of courses: 4.0

• BIOL 3020/3025 Principles of Cell Biology / Lab (3.0 / 1.0)
• BIOL 3450/3455 General Microbiology / Lab (3.0/1.0)

Complete one of the following: 1.0

• BIOL 4910 Senior Seminar I (1.0)
• BIOL 4920 Senior Seminar II (1.0)

Required Biology Electives
Complete one of the following sets of courses: 4.0

• BIOL 4500/4505 Comparative Vertebrate Physiology / Lab (3.0 / 1.0)
• BIOL 4600/4605 Plant Physiology / Lab (3.0/1.0)

Complete one of the following courses or sets of courses: 3.0-4.0

• BIOL 3200/3205 Invertebrate Zoology / Lab (3.0/1.0)
• BIOL 4200/4205 Plant Taxonomy / Lab (3.0/1.0)
• BIOL 4230/4235 General Parasitology / Lab (3.0/1.0)
• BIOL 4260/4265 Herpetology / Lab (2.0/1.0)
• BIOL 4270/4275 Ichthyology / Lab (2.0/1.0)
• BIOL 4280 Marine Biology (3.0)
• BIOL 4380/4385 Ornithology / Lab (2.0/1.0)
• BIOL 4411/4415 Mammalogy / Lab (3.0/1.0)
• BIOL 4440/4445 General Entomology / Lab (3.0/1.0)
Complete a minimum of **14 credits** from the following or from any upper-division BIOL course listed above that was not already used to fulfill a requirement:

- BIOL 3000 Rural Health Scholars (2 cr. max.) (1.0)
- BIOL 3100 Bioethics (3.0)
- BIOL 3140/3145 Comp. Vertebrate Anatomy / Lab (3.0/1.0)
- BIOL 3230 Cadaver Practicum (2.0)
- BIOL 3250 Cancer Biology (2.0)
- BIOL 3340/3345 Plant Anatomy / Lab (2.0/1.0)
- BIOL 3360 Developmental Biology (3.0)
- BIOL 3365 Developmental Biology Lab (1.0)
- BIOL 3460 Biology of Infectious Disease (3.0)
- BIOL 3470 Introduction to Immunology (3.0)
- BIOL 4190/4195 Mammalian Histology / Lab (3.0/1.0)
- BIOL 4300 Molecular Biology (2.0)
- BIOL 4305 Molecular Biology Techniques (2.0)
- BIOL 4350/4355 Animal Behavior/Lab (3.0/1.0)
- BIOL 4440 Pathophysiology (3.0)
- BIOL 4460/4465 Plant Ecology / Lab (2.0/1.0)
- BIOL 4810* Independent Research (1.0 - 4.0)
- BIOL 4820* Independent Research (2.0/1.0)
- BIOL 4830* Independent Research (2.0/1.0)
- BIOL 4930* Senior Thesis (2.0/1.0)

*Graduation restriction:* Maximum 6 total credits of BIOL, 4810, 4820, 4830, and/or 4930 may be used toward graduation requirements.

**NOTE:** No course can fulfill a requirement in more than one category.

**Advising Note:** Pre-health professionals should complete CHEM 3510 and a diversity course.

**Graduation Requirements**

1. Complete a minimum of 122 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Grade C or higher required (not C-) in each Program Requirement, Core Discipline Requirement, and Biology Elective Requirement course.
5. Cumulative GPA 2.0 or higher.

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**Bachelor of Science in Biology Secondary Education**

The Bachelor of Science in Biology Secondary Education degree has six basic curricular components:

1. Lower-division, general education requirements, excluding Physical Science and Mathematics, which are included in degree requirements (22 credits)
2. Chemistry, physics, and math requirements (20 credits)
3. Biology major core courses (33 credits)
4. Upper-division biology elective courses (10-16 credits)
5. Lab safety certification course (1 credit)
6. Secondary Education Teaching (SET) pre-professional and professional courses (39 credits).

**General Education**

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
DSC General Education Requirements
Complete the following:

• ENGL 1010 Intro to Writing 3.0
• ENGL 2010 Intermediate Writing 3.0
• CIS 1200 Computer Skills 3.0
• LIB 1010 Information Literacy 1.0

Complete one of the following (SET required course): 3.0

• PSY 1010 General Psychology (3.0)
• PSY 1100 Human Development / Lifespan (3.0)
• FCS 1500 Human Development / Lifespan (3.0)

Complete the following:

• American Institutions GE approved course 3.0
• Fine Arts / Communication GE approved course 3.0
• Literature / Humanities GE approved course 3.0

Biology Program Requirements
Complete the following:

• CHEM 1210/1215 Principles of Chemistry I / Lab 4.0/1.0
• CHEM 1220/1225 Principles of Chemistry II / Lab 4.0/1.0
• MATH 1065 Pre-Calculus / Trigonometry 5.0
• PHYS 2010/2015 College Physics I / Lab 4.0/1.0

Discipline Core Requirements
Complete the following:

• BIOL 1610/1615 Principles of Biology I / Lab 4.0/1.0
• BIOL 1620/1625 Principles of Biology II / Lab 4.0/1.0
• BIOL 2030 Principles of Genetics 4.0
• BIOL 2220/2225 General Ecology / Lab 3.0/1.0
• BIOL 2400/2405 Plant Kingdom / Lab 3.0/1.0
• BIOL 2420/2425 Human Physiology / Lab 3.0/1.0
• BIOL 3010 Biological Evolution 3.0

Complete one of the following sets of courses:

• BIOL 3020/3025 Principles of Cell Biology / Lab 3.0/1.0
• BIOL 3450/3455 General Microbiology / Lab (3.0/1.0)

Biology Electives
Complete one of the following sets of courses: 3.0-4.0

• BIOL 3340/3345 Plant Anatomy / Lab (2.0/1.0)
• BIOL 4200/4205 Plant Taxonomy / Lab (3.0/1.0)
• BIOL 4460/4465 Plant Physiology / Lab (3.0/1.0)

Complete two of the following sets of courses: 3.0-4.0

• BIOL 3140/3145 Comp. Vertebrate Anatomy / Lab (3.0/1.0)
• BIOL 3200/3205 Invertebrate Zoology / Lab (3.0/1.0)
• BIOL 4230/4235 General Parasitology / Lab (3.0/1.0)
BIOL 4260/4265 Herpetology / Lab (2.0/1.0)
BIOL 4270/4275 Ichthyology / Lab (2.0/1.0)
BIOL 4350/4355 Animal Behavior / Lab (3.0/1.0)
BIOL 4380/4385 Ornithology / Lab (2.0/1.0)
BIOL 4411/4415 Mammalogy / Lab (3.0/1.0)
BIOL 4440/4445 General Entomology (3.0/1.0)

Complete 1 – 4 credits from the following or from the following or from any upper-division BIOL course listed above that was not already used to fulfill a requirement:

- BIOL 3100 Bioethics (3.0)
- BIOL 3110 Scientific Writing (2.0)
- BIOL 3360 Developmental Biology (3.0)
- BIOL 3365 Developmental Biology Lab (1.0)
- BIOL 3460 Biology of Infectious Disease (3.0)
- BIOL 3470 Introduction to Immunology (3.0)
- BIOL 4190/4195 Mammalian Histology / Lab (3.0/1.0)
- BIOL 4280 Marine Biology (3.0)
- BIOL 4300 Molecular Biology (2.0)
- BIOL 4305 Molecular Biology Techniques (2.0)
- BIOL 4400 Pathophysiology (3.0)
- BIOL 4810* Independent Research I (1.0 – 4.0)
- BIOL 4820* Independent Research II (1.0 – 4.0)
- BIOL 4830* Independent Research III (1.0 – 4.0)
- BIOL 4910 Senior Seminar I (1.0)
- BIOL 4920 Senior Seminar II (1.0)
- BIOL 4930* Senior Thesis (1.0 – 4.0)

* Graduation restriction: Maximum 4 total credits of BIOL, 4810, 4820, 4830, and/or 4930 may be used toward graduation requirements.

NOTE: No course can fulfill a requirement in more than one category. Grade C or higher (not C-) required in each Biology Program Requirement, Core Discipline Requirement, and Biology Elective Requirement course.

**Lab Safety Certification Requirement**

Complete the following:

- Approved online lab safety course 1.0

**Secondary Education Pre-professional Courses**

Complete the following pre-professional courses:

- EDUC 1010 Intro to Education 3.0
- EDUC 2010 Intro to Teaching Exceptional Learners 3.0
- EDUC 2400 Foundations of Multicultural & ESL Educ. 3.0
- EDUC 2500 Technology / Educ. / Electronic Portfolio 3.0
- EDUC 3110 Educational Psychology 3.0

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in pre-professional courses required.

To take any professional classes listed below, students must be admitted to the Secondary Education Teaching Program (SET) along with these additional requirements:

1. All Pre-Professional Education classes have been completed.
2. Students with BS/BA degrees in progress need to have at least 90% of major coursework completed and approved by the major academic content department advisor.
3. Students with completed BS/BA or higher degrees need to have their transcripts reviewed by degree content areas.

**Secondary Education Professional Requirements**
Complete the following:

Semester I

- SCED 3720  Reading and Writing in the Content Areas  3.0
- SCED 4100  Curriculum, Instruction, and Assessment  3.0
- SCED 4600  Classroom Management  3.0

Complete one of the following:  3.0

- BIOL 4130  Biology Teaching Methods (3.0)
- SCED 4700  Content Methods Course (3.0)

Semester II

- SCED 4900  Secondary Student Teaching  10.0
- SCED 4989  Student Teaching Seminar  2.0

Licensure Requirement

- Students are required to pass the PRAXIS II Biology Content Knowledge Test prior to student teaching.

**NOTE:** Grade C- or higher in each class and 3.0 GPA or higher in professional courses required.

**Graduation Requirements**

1. Complete a minimum of 125 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Grade C or higher required (not C-) in each Biology Program Requirement, Core Discipline Requirement, and Biology Elective Requirement course.
5. Grade C- or higher in each pre-professional and professional Education and Secondary Education course and 3.0 GPA in pre-professional and professional courses required.
6. Cumulative GPA 2.0 or higher.

**Bachelor of Science in Biology with Integrated Science Secondary Education**  127 credits

The Bachelor of Science in Biology with Integrated Science Secondary Education degree has seven basic components:

1. Lower-division, general education requirements, excluding Physical Science and Mathematics, which are included in degree requirements (22 credits)
2. Chemistry, physics, and math requirements (20 credits)
3. Biology major core courses (28 credits)
4. Upper-division biology elective courses (6-8 credits)
5. Lab safety certification course (1 credit)
6. Additional courses to meet the requirements for the integrated science endorsement (11 credits)
7. Secondary Education Teaching (SET) pre-professional and professional courses (39 credits).

**General Education**

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

**DSC General Education Requirements**

Complete the following:
Biology

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following (SET required course): 3.0

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development / Lifespan (3.0)
- FCS 1500 Human Development / Lifespan (3.0)

Biology Program Requirements

Complete the following:

- American Institutions GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Discipline Core Requirements

Complete the following:

- CHEM 1210/1215 Principles of Chemistry I / Lab 4.0/1.0
- CHEM 1220/1225 Principles of Chemistry II / Lab 4.0/1.0
- MATH 1065 Pre-calculus/Trigonometry 5.0
- PHYS 2010/2015 College Physics I / Lab 4.0/1.0

Biology Electives

Complete one of the following sets of courses: 3.0-4.0

- BIOL 3020/3025 Principles of Cell Biology / Lab (3.0/1.0)
- BIOL 3450/3455 General Microbiology / Lab (3.0/1.0)

Complete two of the following sets of courses: 3.0-4.0

- BIOL 3140/3145 Comp. Vertebrate Anatomy / Lab (3.0/1.0)
- BIOL 3200/3205 Invertebrate Zoology / Lab (3.0/1.0)
- BIOL 4230/4235 General Parasitology / Lab (3.0/1.0)
- BIOL 4260/4265 Herpetology / Lab (2.0/1.0)
- BIOL 4270/4275 Ichthyology / Lab (2.0/1.0)
- BIOL 4350/4355 Animal Behavior / Lab (3.0/1.0)
- BIOL 4380/4385 Ornithology / Lab (2.0/1.0)
- BIOL 4411/4415 Mammalogy / Lab (3.0/1.0)
- BIOL 4440/4445 General Entomology (3.0/1.0)
Integrated Science Endorsement Requirements
Complete the following:

- GEO 1080  Introduction to Oceanography  3.0
- GEO 1110/1115  Physical Geology / Lab  3.0/1.0
- PHYS 1040/1045  Elementary Astronomy / Lab  3.0/1.0

Lab Safety Certification Requirement
Complete the following:

- Approved online lab safety course  1.0

Secondary Education Pre-Professional Requirements
Complete the following:

- EDUC 1010  Intro to Education  3.0
- EDUC 2010  Intro to Teaching Exceptional Learners  3.0
- EDUC 2400  Foundations of Multicultural & ESL Educ.  3.0
- EDUC 2500  Technology / Educ. / Electronic Portfolio  3.0
- EDUC 3110  Educational Psychology  3.0

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in pre-professional courses required.

To take any professional classes listed below, students must be admitted to the Secondary Education Teaching Program (SET) along with these additional requirements:

1. All Pre-Professional Education classes have been completed.
2. Students with BS/BA degrees in progress need to have at least 90% of major coursework completed and approved by the major academic content department advisor.
3. Students with completed BS/BA or higher degrees need to have their transcripts reviewed by degree content areas.

Secondary Education Professional Requirements
Complete the following:
Semester I

- SCED 3720  Reading and Writing in the Content Areas  3.0
- SCED 4100  Curriculum, Instruction, and Assessment  3.0
- SCED 4600  Classroom Management  3.0

Complete one of the following:  3.0

- BIOL 4130  Biology Teaching Methods (3.0)
- SCED 4700  Content Methods Course (3.0)

Semester II

- SCED 4900  Secondary Student Teaching  10.0
- SCED 4989  Student Teaching Seminar  2.0

Licensure Requirement

- Students are required to pass the PRAXIS II Content Knowledge Test prior to student teaching.

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in professional courses required.

Graduation Requirements

1. Complete a minimum of 127 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Grade C or higher required (not C-) in each Biology Program Requirement, Core Discipline Requirement, Biology Elective Requirement, and Integrated Science Endorsement Requirement course.
5. Grade C- or higher in each pre-professional and professional Education and Secondary Education course and 3.0 GPA in pre-professional and professional courses required.
6. Cumulative GPA 2.0 or higher.
UDVAR-HAZY SCHOOL OF BUSINESS
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Program Description

Our vision is to be a business school that students seek out for a quality education, hands-on experiences, and close student-faculty relationships in an environment that promotes the highest standards of professionalism and integrity. One step toward this goal was the founding of the Institute for Business Integrity in 2006. The Institute is chaired by Dr. Robert Huddleston, accounting faculty member and past president of DSC. Under his able leadership, ethics has been integrated throughout the curriculum and a series of ethics-related seminars is provided to students and the community. These seminars feature prominent business leaders from around the region.

Core to our success is our faculty. Unlike large research institutions, the mission of the Udvar-Hazy School of Business focuses on teaching. The result is that DSC students have greater access to full-time faculty than at most major universities. Almost all of our full-time business school faculty hold earned doctorate degrees, most have extensive business experience, and all maintain their professional competencies through ongoing research and/or pedagogical innovation.

Opportunities for practical learning are provided by a faculty rich in global business experience. DSC business students have been involved in providing small business training to students at a school for the deaf and blind in Russia, delivering computer equipment to students in Ecuador, consulting with the local dinosaur museum, providing volunteer tax assistance to students and local residents, and participating in any number of marketing and operations management projects for local businesses. Working with the Dixie Business Alliance (DBA), DSC business students have the opportunity of observing and working with local business startups. The accounting department established an “accounting incubator” that provides their students with opportunities to analyze and advise local businesses. All accounting students also have the opportunity to sharpen their tax preparation skills through participation in the Volunteer Income Tax Assistance (VITA) program.

A glimpse of the accomplishments of our students reflects well on the quality of our programs. For example, we consistently have seniors who place in the top 10 in an international strategy competition (among over 200 participating institutions from around the world). In addition, DSC students in our DEX and PBL clubs consistently rank very high in state and national business competitions.

Mission Statement

The mission of the Udvar-Hazy School of Business at Dixie State College of Utah is to prepare its students for success through knowledge and practical experience gained from personalized instruction and applied learning.

Facilities

The Udvar-Hazy School of Business is housed in a modern, student-friendly building, equipped with the latest technology available. The academic programs taught in this building include Accounting, Business, Economics, Finance, Management, Marketing, Statistics, and Travel.

Clubs

DSC students in Delta Epsilon Chi (DEX) and Phi Beta Lambda (PBL) clubs consistently place far above the national average in state, national and international business competitions! A glimpse at the accomplishments of our students reflects well on the quality of our programs. For example, we consistently have seniors who place in the top 10 in an international strategy competition (among over 200 participating institutions from around the world). The DECA advisor, Dr. Philip Lee, received the "Outstanding Service Award," presented by the National DECA/Delta Epsilon Chi (DEX) Board of Directors, at the annual DECA International Business Conference and Competition in 2010.

Accreditation

We continue to work our way through the process of becoming accredited by the Association to Advance Collegiate Schools of Business (AACSB). Although the Udvar-Hazy School of Business is already accredited by the Northwest Commission on Colleges and Universities (NWCCU), the AACSB accreditation is considered the premier business school credential. We believe we can accomplish this goal while maintaining our primary focus on students and teaching.

Degrees & Certificates

- Bachelor of Science in Accounting
- Bachelor of Science in Business Administration
- Bachelor of Science in Business Administration – Accounting Emphasis
- Bachelor of Science in Business Administration – Finance Emphasis
- Bachelor of Science in Business Administration – Visual Technology Emphasis
- Associate of Science in Business
- Associate of Applied Science in General Marketing
- General Marketing Certificate
A Bachelor of Science in Accounting has six basic components:

1. Lower-division, General Education Requirements, excluding Math, Fine Arts/Communication, and Social & Behavioral Sciences, which are included in the Pre-Business Requirements (22 – 26 credits).
2. Pre-Business Requirements (28 credits).
3. Core Business Requirements (23 credits).
4. Accounting Requirements (24 credits).
5. Business Required Electives (14 credits).
6. Other Electives (up to 10 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Literature / Humanities GE approved course 3.0

Pre-Business Requirements
Complete all of the following:

- ACCT 2010 Financial Accounting 3.0
- ACCT 2020 Managerial Accounting 3.0
- CIS 2010 Business Computer Proficiency 3.0
- ECON 2010 Micro Economics 3.0
- ECON 2020 Macro Economics 3.0
- MATH 1100 Business Calculus 3.0
- MGMT 2050 Business Law 3.0
- STAT 2040 Business Statistics 4.0

Complete one of the following: 3.0

- COMM 1020 Public Speaking (3.0)
- COMM 2110 Interpersonal Communication (3.0)

Core Business Requirements
Complete all of the following:

- ACCT 3050 Accounting Information Systems 3.0
- ENGL 3010 Writing in the Professions 3.0
• FIN 3150  Managerial Finance I  3.0
• MGMT 3400  Management & Organizations  3.0
• MGMT 3510  Business & Professional Ethics  2.0
• MGMT 3600  Production & Operations  3.0
• MGMT 4800  Strategic Management  3.0
• MKTG 3010  Marketing Principles  3.0

Accounting Requirements
Complete all of the following:

• ACCT 3010  Intermediate Accounting I  3.0
• ACCT 3020  Intermediate Accounting II  3.0
• ACCT 3300  Cost Accounting  3.0
• ACCT 3400  Tax Accounting  3.0
• ACCT 3600  Accounting Practicum  3.0
• ACCT 4030  Advanced Accounting  3.0
• ACCT 4100  Auditing  3.0
• ACCT 4400  Tax Accounting II  3.0

Business Elective Requirements
Complete 14 credits from the following or other approved courses:

• ACCT 4890  Accounting Internship I  1.0-3.0
• ACCT 4891  Accounting Internship II  1.0-3.0
• ECON 3500  International Economics  3.0
• FIN 3200  Money, Banking, & Credit  3.0
• FIN 3500  Financial Negotiations  3.0
• FIN 3750  Introduction to Investments  3.0
• FIN 4150  Managerial Finance II  3.0
• FIN 4180  Entrepreneurial Finance  3.0
• FIN 4300  Real Estate Finance  3.0
• FIN 4380  Financial Modeling & Decision  3.0
• FIN 4400  International Finance  3.0
• IT 3500  Electronic Commerce  3.0
• IT 3550  Internet & E-Commerce Marketing  3.0
• MGMT 3200  Small Business Management  3.0
• MGMT 3700  Organizational Behavior  3.0
• MGMT 4000  Purchasing & Supply Mgmt  3.0
• MGMT 4300  Human Resource Management  3.0
• MGMT 4600  Six Sigma I  3.0
• MGMT 4610  Six Sigma II  3.0
• MGMT 4900  Independent Research I  1.0-3.0
• MGMT 4910  Independent Research II  1.0-3.0
• MGMT 4950  Seminar in Business  1.0-3.0
• MILS 3200  Tactical Leadership  3.0
• MILS 3210  Applied Leadership  3.0
• MILS 3250  Staff Org & Operations  1.0-3.0
• MILS 4200  Developmental Leadership  3.0
• MILS 4210  Adaptive Leadership  3.0
• MILS 4250  Ranger Preparation  2.0
• MILS 4350  Special Project  2.0
• MKTG 3450  Consumer Behavior  3.0
• MKTG 3500  Promotion Management  3.0
• MKTG 4700  Marketing Strategy  3.0
• STAT 3200  Advanced Statistical Methods  3.0
• VT 3800  Corporate Identity  3.0

NOTE: Maximum 12 upper-division credits may be transferred into the Core Business Requirements and Business Required Electives.

Graduation Requirements

1. Complete a minimum of 121 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in each Pre-Business Requirement, Core Business Requirement, Accounting Requirement, and Business Elective Requirement course.

### Bachelor of Science in Business Administration 121 credits

A Bachelor of Science in Business Administration has five basic components:

1. Lower-division, General Education Requirements, excluding Math, Fine Arts/Communication, and Social & Behavioral Sciences, which are included in the Pre-Business Requirements (22 – 26 credits).
2. Pre-Business Requirements (28 credits).
3. Core Business Requirements (28 credits).
5. Other Business-Related Electives (15 credits).
6. Other Electives (up to 10 credits).

### General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

### DSC General Education Requirements

Complete the following:

- **ENGL 1010** Intro to Writing 3.0
- **ENGL 2010** Intermediate Writing 3.0
- **CIS 1200** Computer Skills 3.0
- **LIB 1010** Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Literature / Humanities GE approved course 3.0

### Pre-Business Requirements

Complete all of the following:

- **ACCT 2010** Financial Accounting 3.0
- **ACCT 2020** Managerial Accounting 3.0
- **CIS 2010** Business Computer Proficiency 3.0
- **ECON 2010** Micro Economics 3.0
- **ECON 2020** Macro Economics 3.0
- **MATH 1100** Business Calculus 3.0
- **MGMT 2050** Business Law 3.0
- **STAT 2040** Business Statistics 4.0

Complete one of the following: 3.0

- **COMM 1020** Public Speaking (3.0)
- **COMM 2110** Interpersonal Communication (3.0)
Core Business Requirements

Complete all of the following:

- ACCT 3050 Accounting Information Systems 3.0
- ENGL 3010 Writing in the Professions 3.0
- FIN 3150 Managerial Finance I 3.0
- HUM 3030 Multicultural Studies 2.0
- MGMT 3400 Management & Organizations 3.0
- MGMT 3510 Business & Professional Ethics 2.0
- MGMT 3600 Production & Operations 3.0
- MGMT 4400 International Business 3.0
- MGMT 4800 Strategic Management 3.0
- MKTG 3010 Marketing Principles 3.0

Business Required Electives 18.0

Complete 18 credits from the following (or other approved courses):

- ACCT 3010 Intermediate Accounting I (3.0)
- ACCT 3020 Intermediate Accounting II (3.0)
- ACCT 3300 Cost Accounting (3.0)
- ACCT 3400 Tax Accounting I (3.0)
- ACCT 3600 Accounting Practicum (3.0)
- ACCT 4030 Advanced Accounting (3.0)
- ACCT 4100 Auditing (3.0)
- ACCT 4400 Tax Accounting II (3.0)
- ECON 3500 International Economics (3.0)
- FIN 3200 Money, Banking, & Credit (3.0)
- FIN 3500 Financial Negotiations (3.0)
- FIN 3750 Introduction to Investments (3.0)
- FIN 4150 Managerial Finance II (3.0)
- FIN 4180 Entrepreneurial Finance (3.0)
- FIN 4300 Real Estate Finance (3.0)
- FIN 4380 Financial Modeling & Decision (3.0)
- FIN 4400 International Finance (3.0)
- IT 3500 Electronic Commerce (3.0)
- IT 3550 Internet & E-Commerce Marketing (3.0)
- MGMT 3200 Small Business Management (3.0)
- MGMT 3700 Organizational Behavior (3.0)
- MGMT 4000 Purchasing & Supply Mgmt (3.0)
- MGMT 4200 Business Internship I (1.0 – 3.0)
- MGMT 4210 Business Internship II (1.0 – 3.0)
- MGMT 4300 Human Resource Management (3.0)
- MGMT 4600 Six Sigma I (3.0)
- MGMT 4610 Six Sigma II (3.0)
- MGMT 4900 Independent Research I (1.0 – 3.0)
- MGMT 4910 Independent Research II (1.0 – 3.0)
- MGMT 4950 Seminar in Business (1.0 – 3.0)
- MILS 3200 Tactical Leadership (3.0)
- MILS 3210 Applied Leadership (3.0)
- MILS 3250 Staff Org & Operations (1.0 – 3.0)
- MILS 4200 Developmental Leadership (3.0)
- MILS 4210 Adaptive Leadership (3.0)
- MILS 4250 Ranger Preparation (2.0)
- MILS 4350 Special Project (2.0)
- MKTG 3450 Consumer Behavior (3.0)
- MKTG 3500 Promotion Management (3.0)
- MKTG 4700 Marketing Strategy (3.0)
- STAT 3200 Advanced Statistical Methods (3.0)
- VT 3800 Corporate Identity (3.0)
Other Business Related Elective Courses
Complete the following:

- Lower- or upper-division credit as approved by Business Advisor. 15.0

NOTE: Maximum 12 upper-division credits may be transferred into the Core Business Requirements and Business Required Electives.

Graduation Requirements

1. Complete a minimum of 121 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in each Pre-Business Requirement, Core Business Requirement, and Business Elective Requirement course.

Bachelor of Science in Business Administration 121 credits
Accounting Emphasis

A Bachelor of Science in Business Administration has six basic components:

1. Lower-division, General Education Requirements, excluding Math, Fine Arts/Communication, and Social & Behavioral Sciences, which are included in the Pre-Business Requirements (22 – 26 credits).
2. Pre-Business Requirements (28 credits).
3. Core Business Requirements (28 credits).
4. Accounting Emphasis Requirements (18 credits).
5. Business Required Electives (15 credits).
6. Other Electives (up to 10 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0 – 5.0
- Physical Science GE approved course 3.0 – 5.0
- Literature / Humanities GE approved course 3.0

Pre-Business Requirements

Complete all of the following:

- ACCT 2010 Financial Accounting 3.0
- ACCT 2020 Managerial Accounting 3.0
- CIS 2010 Business Computer Proficiency 3.0
• ECON 2010 Micro Economics  3.0  
• ECON 2020 Macro Economics  3.0  
• MATH 1100 Business Calculus  3.0  
• MGMT 2050 Business Law  3.0  
• STAT 2040 Business Statistics  4.0  

Complete one of the following:  3.0  
• COMM 1020 Public Speaking (3.0)  
• COMM 2110 Interpersonal Communication (3.0)  

Core Business Requirements  
Complete all of the following:  
• ACCT 3050 Accounting Information Systems  3.0  
• ENGL 3010 Writing in the Professions  3.0  
• FIN 3150 Managerial Finance I  3.0  
• HUM 3030 Multicultural Studies  2.0  
• MGMT 3400 Management & Organizations  3.0  
• MGMT 3510 Business & Professional Ethics  2.0  
• MGMT 3600 Production & Operations  3.0  
• MGMT 4400 International Business  3.0  
• MGMT 4800 Strategic Management  3.0  
• MKTG 3010 Marketing Principles  3.0  

Accounting Emphasis Requirements  
Complete all of the following:  
• ACCT 3010 Intermediate Accounting I  3.0  
• ACCT 3020 Intermediate Accounting II  3.0  
• ACCT 3300 Cost Accounting  3.0  
• ACCT 3400 Tax Accounting I  3.0  
• ACCT 4030 Advanced Accounting  3.0  
• ACCT 4100 Auditing  3.0  

Business Required Electives  
Complete 15 credits from the following (or other approved courses):  15.0  
• ACCT 3600 Accounting Practicum (3.0)  
• ACCT 4400 Tax Accounting II (3.0)  
• ACCT 4890 Accounting Internship I (1.0-3.0)  
• ACCT 4891 Accounting Internship II (1.0-3.0)  
• ECON 3500 International Economics (3.0)  
• FIN 3200 Money, Banking, & Credit (3.0)  
• FIN 3500 Financial Negotiations (3.0)  
• FIN 3750 Introduction to Investments (3.0)  
• FIN 4150 Managerial Finance II (3.0)  
• FIN 4180 Entrepreneurial Finance (3.0)  
• FIN 4300 Real Estate Finance (3.0)  
• FIN 4380 Financial Modeling & Decision (3.0)  
• FIN 4400 International Finance (3.0)  
• IT 3500 Electronic Commerce (3.0)  
• IT 3550 Internet & E-Commerce Marketing (3.0)  
• MGMT 3200 Small Business Management (3.0)  
• MGMT 3700 Organizational Behavior (3.0)  
• MGMT 4000 Purchasing & Supply Mgmt (3.0)  
• MGMT 4200 Business Internship I (1.0 – 3.0)  
• MGMT 4210 Business Internship II (1.0 – 3.0)  
• MGMT 4300 Human Resource Management (3.0)  
• MGMT 4600 Six Sigma I (3.0)
• MGMT 4610  Six Sigma II (3.0)
• MGMT 4900  Independent Research I (1.0 – 3.0)
• MGMT 4910  Independent Research II (1.0 – 3.0)
• MGMT 4950  Seminar in Business (1.0 – 3.0)
• MILS 3200  Tactical Leadership (3.0)
• MILS 3210  Applied Leadership (3.0)
• MILS 3250  Staff Org & Operations (1.0 – 3.0)
• MILS 4200  Developmental Leadership (3.0)
• MILS 4210  Adaptive Leadership (3.0)
• MILS 4250  Ranger Preparation (2.0)
• MILS 4350  Special Project (2.0)
• MKTG 3450  Consumer Behavior (3.0)
• MKTG 3500  Promotion Management (3.0)
• MKTG 4700  Marketing Strategy (3.0)
• STAT 3200  Advanced Statistical Methods (3.0)
• VT 3800  Corporate Identity (3.0)

NOTE: Maximum 12 upper-division credits may be transferred into the Core Business Requirements, Accounting Emphasis Requirements, and Business Required Electives.

Graduation Requirements

1. Complete a minimum of 121 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in each Pre-Business Requirement, Core Business Requirement, Accounting Emphasis, and Business Elective Requirement course.

Bachelor of Science in Business Administration 121 credits
Finance Emphasis

A Bachelor of Science in Business Administration has six basic components:

1. Lower-division, General Education Requirements, excluding Math, Fine Arts/Communication, and Social & Behavioral Sciences, which are included in the Pre-Business Requirements (22 – 26 credits).
2. Pre-Business Requirements (28 credits).
3. Core Business Requirements (28 credits).
4. Finance Emphasis Requirements (18 credits).
5. Business Required Electives (15 credits).
6. Other Electives (up to 10 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Skills  3.0
- LIB 1010  Information Literacy  1.0

Complete the following:
• American Institutions GE approved course 3.0
• Life Sciences GE approved course 3.0 – 5.0
• Physical Science GE approved course 3.0 – 5.0
• Literature / Humanities GE approved course 3.0

**Pre-Business Requirements**
Complete **all** of the following:

• ACCT 2010 Financial Accounting 3.0
• ACCT 2020 Managerial Accounting 3.0
• CIS 2010 Business Computer Proficiency 3.0
• ECON 2010 Micro Economics 3.0
• ECON 2020 Macro Economics 3.0
• MATH 1100 Business Calculus 3.0
• MGMT 2050 Business Law 3.0
• STAT 2040 Business Statistics 4.0

Complete **one** of the following: 3.0

• COMM 1020 Public Speaking (3.0)
• COMM 2110 Interpersonal Communication (3.0)

**Core Business Requirements**
Complete **all** of the following:

• ACCT 3050 Accounting Information Systems 3.0
• ENGL 3010 Writing in the Professions 3.0
• FIN 3150 Managerial Finance I 3.0
• HUM 3030 Multicultural Studies 2.0
• MGMT 3400 Management & Organizations 3.0
• MGMT 3510 Business & Professional Ethics 2.0
• MGMT 3600 Production & Operations 3.0
• MGMT 4400 International Business 3.0
• MKTG 3010 Marketing Principles 3.0

**Finance Emphasis Requirements**
Complete the following:

• FIN 3750 Introduction to Investments 3.0
• FIN 4150 Managerial Finance II 3.0

Complete **12 credits** from the following:

• FIN 3200 Money, Banking, & Credit 3.0
• FIN 3500 Financial Negotiations 3.0
• FIN 4180 Entrepreneurial Finance 3.0
• FIN 4300 Real Estate Finance 3.0
• FIN 4380 Financial Modeling & Decision 3.0
• FIN 4400 International Finance 3.0

**Business Required Electives**
Complete **15 credits** from the following (or other approved courses):

• ACCT 3010 Intermediate Accounting I (3.0)
• ACCT 3020 Intermediate Accounting II (3.0)
• ACCT 3300 Cost Accounting (3.0)
• ACCT 3400 Tax Accounting I (3.0)
• ACCT 3600 Accounting Practicum (3.0)
• ACCT 4030 Advanced Accounting (3.0)
• ACCT 4100 Auditing (3.0)
• ACCT 4400  Tax Accounting II (3.0)
• ECON 3500  International Economics (3.0)
• IT 3500  Electronic Commerce (3.0)
• IT 3550  Internet & E-Commerce Marketing (3.0)
• MGMT 3200  Small Business Management (3.0)
• MGMT 3700  Organizational Behavior (3.0)
• MGMT 4000  Purchasing & Supply Mgmt (3.0)
• MGMT 4200  Business Internship I (1.0 – 3.0)
• MGMT 4210  Business Internship II (1.0 – 3.0)
• MGMT 4300  Human Resource Management (3.0)
• MGMT 4600  Six Sigma I (3.0)
• MGMT 4610  Six Sigma II (3.0)
• MGMT 4900  Independent Research I (1.0 – 3.0)
• MGMT 4910  Independent Research II (1.0 – 3.0)
• MGMT 4950  Seminar in Business (1.0 – 3.0)
• MILS 3200  Tactical Leadership (3.0)
• MILS 3210  Applied Leadership (3.0)
• MILS 3250  Staff Org & Operations (1.0 – 3.0)
• MILS 4200  Developmental Leadership (3.0)
• MILS 4210  Adaptive Leadership (3.0)
• MILS 4250  Ranger Preparation (2.0)
• MILS 4350  Special Project (2.0)
• MKTG 3450  Consumer Behavior (3.0)
• MKTG 3500  Promotion Management (3.0)
• MKTG 4700  Marketing Strategy (3.0)
• STAT 3200  Advanced Statistical Methods (3.0)
• VT 3800  Corporate Identity (3.0)

NOTE: Maximum 12 upper-division credits may be transferred into the Core Business Requirements, Finance Emphasis Requirements, and Business Required Electives.

Graduation Requirements:

1. Complete a minimum of 121 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in each Pre-Business Requirement, Core Business Requirement, Finance Emphasis, and Business Elective Requirement course.

Bachelor of Science in Business Administration

Visual Technology Emphasis

A Bachelor of Science in Business Administration with an emphasis in Visual Technology has five basic components:

1. Lower-division, General Education Requirements, excluding Math, Fine Arts/Communication, and Social & Behavioral Sciences, which are included in the Pre-Business Requirements (22 – 26 credits).
2. Pre-Business Requirements (28 credits).
3. Core Business Requirements (28 credits).
4. Visual Technology Prerequisite Requirements (15 credits).
5. Visual Technology Emphasis Requirements (18 credits).
6. Other Electives (up to 10 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

• American Institutions
Business

• English
• Mathematics

DSC General Education Requirements
Complete the following:

• ENGL 1010 Intro to Writing 3.0
• ENGL 2010 Intermediate Writing 3.0
• CIS 1200 Computer Skills 3.0
• LIB 1010 Information Literacy 1.0

Complete the following:

• American Institutions GE approved course 3.0
• Life Sciences GE approved course 3.0 – 5.0
• Physical Science GE approved course 3.0 – 5.0
• Literature / Humanities GE approved course 3.0

Pre-Business Requirements
Complete all of the following:

• ACCT 2010 Financial Accounting 3.0
• ACCT 2020 Managerial Accounting 3.0
• CIS 2010 Business Computer Proficiency 3.0
• ECON 2010 Micro Economics 3.0
• ECON 2020 Macro Economics 3.0
• MATH 1100 Business Calculus 3.0
• MGMT 2050 Business Law 3.0
• STAT 2040 Business Statistics 4.0

Complete one of the following: 3.0

• COMM 1020 Public Speaking (3.0)
• COMM 2110 Interpersonal Communication (3.0)

Core Business Requirements
Complete all of the following:

• ACCT 3050 Accounting Information Systems 3.0
• ENGL 3010 Writing in the Professions 3.0
• FIN 3150 Managerial Finance I 3.0
• HUM 3030 Multicultural Studies 2.0
• MGMT 3400 Management & Organizations 3.0
• MGMT 3510 Business & Professional Ethics 2.0
• MGMT 3600 Production & Operations 3.0
• MGMT 4400 International Business 3.0
• MGMT 4800 Strategic Management 3.0
• MKTG 3010 Marketing Principles 3.0

Visual Technology Prerequisite Requirements
Complete all of the following:

• CS 1400 Fundamentals of Programming 3.0
• VT 1300 Communication Design 3.0
• VT 1400 Intro to Internet Development 3.0
• VT 2500 Computer Illustration 3.0
• VT 2600 Creative Imaging 3.0
Visual Technology Emphasis Requirements

Complete 18 credits from the following or other approved courses:

- IT 3500  Electronic Commerce (3.0)
- IT 3550  Internet & E-Commerce Marketing (3.0)
- MKTG 3500  Promotion Management (3.0)
- VT 3000  Internet Publishing & Design (3.0)
- VT 3100  Interactive Multimedia (3.0)
- VT 3200  Advanced Design (3.0)
- VT 3300  Intro to Digital Video Editing (3.0)
- VT 3600  3-D Visualization (3.0)
- VT 3800  Corporate Identity (3.0)
- VT 4000  Dynamic Web Development (3.0)
- VT 4100  Adv Multimedia/Internet Integration (3.0)
- VT 4600  Senior Project (3.0)

NOTE: Maximum 12 upper-division credits may be transferred into the Core Business Requirements, Visual Technology Prerequisite Requirements, Visual Technology Emphasis Requirements, and Business Required Electives.

Graduation Requirements

1. Complete a minimum of 121 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in each Pre-Business Requirement, Core Business Requirement, and Visual Technology Emphasis Requirement course.

Associate of Science in Business

The Associate of Science in Business degree has three basic components:

1. Lower-division, General Education Requirements, excluding Math, Fine Arts/Communication, and Social & Behavioral Sciences, which are included in the Pre-Business Requirements (22 – 26 credits).
2. Pre-Business Requirements (28 credits).
3. Other Electives (up to 10 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Skills  3.0
- LIB 1010  Information Literacy  1.0

Complete the following:
• American Institutions GE approved course 3.0
• Life Sciences GE approved course 3.0-5.0
• Physical Science GE approved course 3.0-5.0
• Literature / Humanities GE approved course 3.0

Pre-Business Requirements
Complete all of the following:

• ACCT 2010  Financial Accounting 3.0
• ACCT 2020  Managerial Accounting 3.0
• CIS 2010  Business Computer Proficiency 3.0
• ECON 2010  Micro Economics 3.0
• ECON 2020  Macro Economics 3.0
• MATH 1100  Business Calculus 3.0
• MGMT 2050  Business Law 3.0
• STAT 2040  Business Statistics 3.0

Complete one of the following: 3.0

• COMM 1020  Public Speaking (3.0)
• COMM 2110  Interpersonal Communication (3.0)

Graduation Requirements
1. Complete a minimum of 60 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C- or higher in each Pre-Business Requirement course.
5. Minimum 2.5 GPA in Pre-Business Requirement courses.

Associate of Applied Science in General Marketing 63 credits

General Education Requirements
Complete the following:

• ENGL 1010  Introduction to Writing 3.0
• ENGL 2010  Intermediate Writing 3.0
• CIS 1200  Computer Literacy 3.0
• LIB 1010  Information Literacy 1.0

Complete one of the following: 3.0

• COMM 1020  Public Speaking (3.0)
• COMM 2110  Interpersonal Communication (3.0)

Complete one of the following: 3.0

• ECON 1010  Economics of Social Issues (3.0)
• ECON 2010  Micro Economics (3.0)

Program Requirement
Complete one of the following: 3.0-4.0

• BUS 1030  Business Math (3.0)
• MATH 1050  College Algebra/Pre-Calculus (4.0)
• MATH 1100  Business Calculus (3.0)
• STAT 2040  Business Statistics (4.0)

Discipline Core Requirements
Complete all of the following:

• BUS 1060  Pre-Employment Seminar 1.0
• BUS 1370  Human Relations 3.0
• ACCT 2010  Financial Accounting   3.0
• FIN 1750  Personal Finance   3.0
• MGMT 1650  Supervision Management   3.0
• MGMT 2050  Business Law   3.0
• MGMT 2600  Entrepreneurship   3.0
• MKTG 1510  Principles of Salesmanship   3.0
• MKTG 2520  Principles of Display   2.0

Complete one of the following: 3.0
• MGMT 2620  Principles of Management (3.0)
• MGMT 3400  Management & Organizations (3.0)

Complete one of the following: 3.0
• MKTG 2540  Retail Advertising (3.0)
• MKTG 3500  Promotion Management (3.0)

Complete one of the following: 3.0
• MKTG 2550  Marketing Essential (3.0)
• MKTG 3010  Marketing Principles (3.0)

Discipline Elective Requirements
Complete a minimum of 10 credits from the following: 10.0
• ACCT 1010  Applied Business Accounting (2.0)
• ACCT 2020  Managerial Accounting (3.0)
• BUS 1010  Intro to Business (3.0)
• BUS 1020  10-Key Calculator Skills (1.0)
• CIS 1140  Basic Keyboarding (1.0)
• CIS 1150  Keyboarding Skill Building (2.0)
• CIS 2400  Word Processing Applications (3.0)
• CIS 2450  Spreadsheet Applications (2.0)
• COMP 1435  Fin Recordkeeping: QuickBooks (1.0)
• COMP 1700  Presentation Apps: PowerPoint (1.0)
• MKTG 1530  DEX: Delta Epsilon Chi (1.0)
• MKTG 1540  Marketing Skills Improvement (1.0)
• MKTG 1800-1820 Marketing Work Experience (1.0 – 3.0)

Graduation Requirements
1. Complete a minimum of 63 credits.
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C- or higher in each Discipline Core Requirement and Discipline Elective Requirement course.
5. GPA 2.5 or higher Discipline Core Requirement and Discipline Elective Requirement courses.

General Marketing Certificate 32 credits

General Education Requirements
Complete the following:
• ENGL 1010  Introduction to Writing   3.0
• LIB  1010  Information Literacy   1.0

Complete one of the following: 3.0
• ENGL 2010  Intermediate Writing (3.0)
• COMM 1020  Public Speaking (3.0)
• COMM 2110  Interpersonal Communication (3.0)

Complete one of the following: 3.0
• ECON 1010  Economics of Social Issues (3.0)
• ECON 2010  Micro Economics (3.0)

Discipline Core Requirements
Complete the following:
• BUS 1370 Human Relations 3.0

Complete one of the following: 3.0-4.0
• BUS 1030 Business Math (3.0)
• MATH 1050 College Algebra/Pre-Calculus (4.0)
• MATH 1100 Business Calculus (3.0)
• STAT 2040 Business Statistics (4.0)

Complete one of the following: 3.0
• MKTG 1510 Principles of Salesmanship (3.0)
• MGMT 2600 Entrepreneurship (3.0)

Complete one of the following: 3.0
• MKTG 2550 Marketing Essentials (3.0)
• MKTG 3010 Marketing Principles (3.0)

Elective Requirements 10.0
Complete a minimum of 10 credits from the following:

• ACCT 2010 Financial Accounting (3.0)
• ACCT 2020 Managerial Accounting (3.0)
• BUS 1001 First Year Business Experience (1.0)
• BUS 1010 Intro to Business (3.0)
• CIS 2010 Business Computer Proficiency (3.0)
• ECON 2020 Macro Economics (3.0)
• FIN 1750 Personal Finance (3.0)
• MATH 1100 Business Calculus (3.0)
• MGMT 2050 Business Law (3.0)
• STAT 2040 Business Statistics (4.0)
• Approved Foreign Language Course (4.0)

Graduation Requirements

1. Complete a minimum of 32 credits.
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C- or higher in each Discipline Core Requirement and Discipline Elective Requirement course.
5. GPA 2.5 or higher Discipline Core Requirement and Discipline Elective Requirement courses.
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Program Description
The Department of Communication at Dixie State College promotes ethical practices of all forms of human communication particularly within the academic areas of research, teaching, and public service. The department seeks to continually address, mentor, and serve a diverse range of students, faculty, administrators, practitioners, and the surrounding community to encourage diversity, sensitivity and understanding, to share knowledge through effective learning and teaching, and to encourage creativity and discovery.

The Center for Media Innovation (CMI) concept is a highly-respected approach to hands-on learning. It received the national Model Teaching Award from the Western States Communication Association in 2001. It has been visited and praised by communication programs in both two and four year institutions as a unique and world-class approach to facilitating student learning and activities.

The Center for Media Innovation is very active in partnering with professional media companies to provide real-world hands-on experience to students while they are in school. Partnerships have already included broadcast outlets and film companies from throughout the country, as well as a worldwide documentary film festival (DocUtah) hosted by the center annually.

The Center for Media Innovation illustrates nicely how to bring pedagogy, service learning, leadership development, concurrent enrollment, and real-world practical experience together in an enterprise environment where students run the center and produce all the content in all of the media: newspaper, magazine, radio, television, and an online newsletter and website. Students are carefully taught and tutored by both faculty and professionals from the media industry. The Center for Media Innovation also fosters excellence in teaching. Students and faculty have a profound experience in applying what they’ve learned in the classroom to real-world media projects. Students also learn to do critical thinking as they manage the various media enterprises and encounter real problems that need real solutions. They are encouraged to innovate. They are trained in leadership. And they develop personal portfolios of their work that lead to significant employment opportunities.

The Center for Media Innovation fosters inclusion and a sense of community—giving voice to often-excluded groups in the college and the surrounding communities. Content from and for these groups, some of it in their own languages, is included on a regular basis.

Finally, the Center for Media Innovation provides an important “face” for the college and for participating sponsors in Southern Utah. Citizens and legislators see a visible and respectable representation of how we serve students and communities at Dixie State College and how our participating sponsors are providing significant educational opportunities to students of all circumstances and backgrounds.

Degrees & Certificates
- Bachelor of Science in Communication – Film Production Emphasis
- Bachelor of Science in Communication – Human Communication Emphasis
- Bachelor of Science in Communication – Mass Communication Emphasis
- Bachelor of Science in Communication – Organization & Leadership Emphasis (degree completion program)

Bachelor of Science in Communication 120 credits
Film Production Emphasis

A Bachelor of Science in Communication with an emphasis in Film Production degree has four basic components:

1. Lower-division, General Education Requirements, excluding Fine Arts / Communication, which is included in degree requirements (28 – 33 credits).
2. Core Discipline Requirements (37 credits).
4. Electives: college-level courses from any prefix (up to 37 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Skills  3.0
- LIB 1010  Information Literacy  1.0

Complete one of the following:  3.0-4.0

- MATH 1040  Intro to Statistics (3.0) *(recommended)*
- MATH 1030  Quantitative Literacy (3.0)
- MATH 1050  College Algebra / Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course  3.0
- Life Sciences GE approved course  3.0-5.0
- Physical Science GE approved course  3.0-5.0
- Social & Behavioral Sciences GE approved course  3.0
- Fine Arts / Communication GE approved course  3.0
- Literature / Humanities GE approved course  3.0

Core Discipline Requirements

Complete the following:

- COMM 1050  Intro to Communication Theory  3.0
- COMM 1130  Writing for Mediated Audiences  3.0
- COMM 2110  Interpersonal Communication  3.0
- COMM 2500  Being Digital: Elements, Trends Issues  3.0
- COMM 3510  Ethics in Communication  3.0
- COMM 3560  Visual Communication  3.0
- COMM 3640  Digital Motion Picture Pre-Production  3.0
- COMM 3660/3665 Digital Motion Picture Production/Lab  2.0/1.0
- COMM 3680/3685 Digital Motion Picture Post-Prod / Lab  2.0/1.0
- COMM 4260  Media Law  3.0
- COMM 4950  Internship  3.0
- COMM 4980  Senior Seminar (Capstone)  4.0

Film Production Emphasis Requirements

Complete the following:

- COMM 2660  Into to Digital Motion Picture Prod  3.0

Complete one of the following:  3.0

- COMM 1500  Intro to Mediated Communication (3.0)
- COMM 2010  Media and Society (3.0)

Complete a minimum of 9 credits of Film Production electives, including

At least one or more of the following Audio Production courses:

- COMM 1560  Audio for Converged Media (3.0)
- COMM 3790  Adv Audio for Converged Media (3.0)
- COMM 4790  Audio Prod Digital Motion Picture (3.0)

At least one or more of the following New Media courses:

- COMM 2460  Intro to New Media Production (3.0)
- COMM 3480  New Social Media (3.0)
- COMM 3530  Digital Photojournalism (3.0)
- COMM 4330  New Media Applications (3.0)
Other Film Production electives:

- COMM 2600 Screenwriting (3.0)
- COMM 2630 Storyboarding (3.0)
- COMM 3590 Media Management & Sales (3.0)
- COMM 3600 Convergence Journalism (3.0)
- COMM 3650/3655 TV Field Production & Reporting / Lab (2.0/1.0)
- COMM 3830 Editorial & Opinion Writing (3.0)
- COMM 4000/4005 Documentary Production / Lab (2.0/1.0)
- COMM 4380/4385 Adv Television Production / Lab (2.0/1.0)
- COMM 4640 Feature Writing (3.0)
- COMM 4700/4705 Adv Digital Motion Picture Prod / Lab (2.0/1.0)
- COMM 4800/4805 Adv Digital Motion Picture Post-Prod / Lab (2.0/1.0)

Recommended (not required) elective for incoming students:

- COMM 1001 Communication First Year Experience (1.0)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.5 or higher.
5. Grade C+ or higher in each Core Discipline and Emphasis Requirement course.

Bachelor of Science in Communication

Human Communication Emphasis

A Bachelor of Science in Communication with an emphasis in Human Communication degree has four basic components:

1. Lower-division, General Education Requirements, excluding Fine Arts / Communication, which is included in degree requirements
   (28 – 33 credits).
2. Core Discipline Requirements (37 credits).
3. Emphasis Requirements (15 credits).
4. Electives: college-level courses from any prefix (up to 37 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1040 Intro to Statistics (3.0) (recommended)
- MATH 1030 Quantitative Literacy (3.0)
Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Literature / Humanities GE approved course 3.0

**Core Discipline Requirements**

Complete all of the following:

- COMM 1020 Public Speaking 3.0
- COMM 1050 Intro to Communication Theory 3.0
- COMM 1270 Argumentation-Critical Thinking 3.0
- COMM 2110 Interpersonal Communication 3.0
- COMM 2120 Small Group Communication 3.0
- COMM 2500 Being Digital: Elements, Trends Issues 3.0
- COMM 3060 Communication Theory 3.0
- COMM 3510 Ethics in Communication 3.0
- COMM 3850 Organizational Communication (3.0)
- COMM 4010 Persuasion (3.0)
- COMM 4020 Integrated Oral Presentations (3.0)
- COMM 4050 Leadership & High Performance Teams (3.0)
- COMM 4490 Comm & Contemporary Public Issues (3.0)
- COMM 4500 Human Communication & Conflict (3.0)

**Human Communication Emphasis Requirements**

Complete a minimum of 15 credits from the following: 15.0

- COMM 1060 Rhetorical Theory (3.0)
- COMM 3010 Nonverbal Communication (3.0)
- COMM 3120 Family Communication (3.0)
- COMM 3150 Lying and Deception (3.0)
- COMM 3330 Negotiations & Bargaining (3.0)
- COMM 3350 Interviewing (3.0)
- COMM 3400 Gender Communication (3.0)
- COMM 3460 Content & Rhetorical Analysis (3.0)
- COMM 3850 Organizational Communication (3.0)
- COMM 4010 Persuasion (3.0)
- COMM 4020 Integrated Oral Presentations (3.0)
- COMM 4050 Leadership & High Performance Teams (3.0)
- COMM 4490 Comm & Contemporary Public Issues (3.0)
- COMM 4500 Human Communication & Conflict (3.0)

Recommended (not required) elective for incoming students:

- COMM 1001 Comm First Year Experience (1.0)

Several tracks providing a logical sequence of courses are available for students with specialized interests. See your Communication Advisor for details:

- Interpersonal / Small Group Communication
- Organization Communication
- Public Communication

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.5 or higher.
5. Grade C+ or higher in each Core Discipline and Emphasis Requirement course.

Bachelor of Science in Communication
Mass Communication Emphasis

120 credits

A Bachelor of Science in Communication with an emphasis in Mass Communication degree has five basic components:

1. Lower-division, General Education Requirements, excluding Fine Arts / Communication, which is included in degree requirements (28 – 33 credits).
2. Core Discipline Requirements (37 credits).
4. Electives: college-level courses from any prefix (up to 37 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Skills  3.0
- LIB 1010  Information Literacy  1.0

Complete one of the following:  3.0-4.0

- MATH 1040  Intro to Statistics (3.0) (recommended)
- MATH 1030  Quantitative Literacy (3.0)
- MATH 1050  College Algebra / Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course  3.0
- Life Sciences GE approved course  3.0-5.0
- Physical Science GE approved course  3.0-5.0
- Social & Behavioral Sciences GE approved course  3.0
- Fine Arts / Communication GE approved course  3.0
- Literature / Humanities GE approved course  3.0

Core Discipline Requirements
Complete all of the following:

- COMM 1050  Intro to Communication Theory  3.0
- COMM 1130  Writing for Mediated Audiences  3.0
- COMM 2110  Interpersonal Communication  3.0
- COMM 2500  Being Digital: Elements, Trends Issues  3.0
- COMM 3510  Ethics in Communication  3.0
- COMM 3060  Communication Theory  3.0
- COMM 3560  Visual Communication  3.0
- COMM 4260  Media Law  3.0
- COMM 4450  Communication Research  3.0
• COMM 4950  Internship  3.0
• COMM 4980  Senior Seminar (Capstone)  4.0

Complete one of the following:  3.0

• COMM 1500  Intro to Mediated Communication (3.0)
• COMM 2010  Media and Society (3.0)

Mass Communication Emphasis Requirements  15.0

Complete a minimum of 15 credits of Communication electives, including:

At least one or more of the following Audio Production courses:

• COMM 1560  Audio for Converged Media (3.0)
• COMM 3790  Adv Audio for Converged Media (3.0)
• COMM 4790  Audio Prod Digital Motion Picture (3.0)

At least one or more of the following New Media courses:

• COMM 2460  Intro to New Media Production (3.0)
• COMM 3480  New Social Media (3.0)
• COMM 3530  Digital Photojournalism (3.0)
• COMM 4330  New Media Applications (3.0)

At least one or more of the following TV / Film Production courses

• COMM 1380/1385  Intro to Television Production / Lab (2.0/1.0)
• COMM 2660  Intro to Digital Motion Picture Production (3.0)
• COMM 3650/3655  TV Field Production & Reporting / Lab (2.0/1.0)
• COMM 4380/4385  Adv Television Production (2.0/1.0)

Other Mass Communication electives:

• COMM 1610  News Writing & Reporting (3.0)
• COMM 3580  Public Relations (3.0)
• COMM 3590  Media Management & Sales (3.0)
• COMM 3600  Convergence Journalism (3.0)
• COMM 3610  News & Copy Editing (3.0)
• COMM 3830  Editorial & Opinion Writing (3.0)
• COMM 4490  Comm & Contemporary Public Issues (3.0)
• COMM 4580  Public Relations Case Studies (3.0)
• COMM 4640  Feature Writing (3.0)
• COMM 4680  Advanced Reporting (3.0)

Recommended (not required) elective for incoming students:

• COMM 1001  Comm First Year Experience (1.0)

Several tracks providing a logical sequence of courses are available for students with specialized interests. See your Communication Advisor for details:

A. Electronic Media
B. New Media
C. Print/Online Journalism
D. Public Relations

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.5 or higher.
5. Grade C+ or higher in each Core Discipline and Emphasis Requirement course.

Bachelor of Science in Communication 120 credits
Organization and Leadership Emphasis

NOTE: This is a degree-completion cohort program with additional fees required.

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1040 Intro to Statistics (3.0) *(recommended)*
- MATH 1030 Quantitative Literacy (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Prerequisite
Complete one of the following: 60.0

- Minimum 60 college semester credits
  - Associate of Arts degree
  - Associate of Science degree

Core Discipline Requirements
Complete all of the following:

- COMM 1050 Intro to Communication Theory 3.0
- COMM 1270 Argumentation-Critical Thinking 3.0
- COMM 2110 Interpersonal Communication 3.0
- COMM 2500 Being Digital: Elements, Trends Issues 3.0
- COMM 3190 Intercultural Communication 3.0
- COMM 3510 Ethics in Communication 3.0
- COMM 3850 Organizational Communication 3.0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>COMM 4450</td>
<td>Communication Research</td>
<td>3.0</td>
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<tr>
<td>COMM 4500</td>
<td>Human Communication &amp; Conflict</td>
<td>3.0</td>
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<tr>
<td>COMM 4950</td>
<td>Internship</td>
<td>3.0</td>
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<tr>
<td>COMM 4980</td>
<td>Senior Seminar (Capstone)</td>
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**Organization & Leadership Emphasis Requirements**

Complete all of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMM 3330</td>
<td>Negotiations &amp; Bargaining</td>
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<tr>
<td>COMM 3580</td>
<td>Public Relations</td>
<td>3.0</td>
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<tr>
<td>COMM 3460</td>
<td>Content &amp; Rhetorical Analysis</td>
<td>3.0</td>
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<tr>
<td>COMM 4010</td>
<td>Persuasion</td>
<td>3.0</td>
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<td>COMM 4020</td>
<td>Integrated Oral Presentations</td>
<td>3.0</td>
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<td>COMM 4050</td>
<td>Leadership &amp; High Performance Teams</td>
<td>3.0</td>
</tr>
<tr>
<td>COMM 4490</td>
<td>Comm &amp; Contemporary Public Issues</td>
<td>3.0</td>
</tr>
<tr>
<td>ENGL 3010</td>
<td>Writing in the Professions</td>
<td>3.0</td>
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<td>MGMT 3400</td>
<td>Management &amp; Organizations</td>
<td>3.0</td>
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<tr>
<td>MTKG 3010</td>
<td>Marketing Principles</td>
<td>3.0</td>
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</table>

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C+ or higher in each Core Discipline Requirement and Required Elective course.
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School of Science & Technology
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Office: 208 Taylor Bldg.
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(435) 879-4801

Program Description
The Computer & Information Technology (CIT) programs at DSC have the latest equipment, the best software, and a strong faculty who can teach you to use it well. The CIT programs prepare students for careers in graphic design, illustration, web development, multimedia, digital video, systems administration, security and networking, software engineering, and computer programming.

The department offers students a general Computer & Information Technology degree as well as the option to focus on any of three areas: Computer Science, Information Technology, or Visual Technologies. CIT also coordinates with the Udvar-Hazy School of Business in offering a Bachelor of Science in Business with an emphasis in Visual Technologies.

The fields of Computer & Information Technology are diverse, exciting, rapidly changing, and ever expanding. Our programs offer you the opportunity to be challenged in small, personalized classes where you can develop your knowledge and skills to be successful.

Scholarships
The CIT Department has several scholarships available for advanced students in the Computer & Information Technology program. In addition, The National Science Foundation (NSF) Scholarship is designated for individuals majoring in the fields of Computer Science, Computer Information Technology, Pre-Engineering and Biology. These scholarships pay full tuition, fees and a small book stipend. Entering freshman
are eligible up to four years. Sophomore, junior, and senior students may be eligible for one to three years (depending on length of major program). Contact Dr. Victor Hasfurther for further information.

Clubs
Dixie State College's Association of Computing Machinery Club, also known as the Computer Club, provides computer enthusiasts a place to meet, form friendships, share ideas and play computer games. The club meets every week, alternating between learning workshops (where refreshments are provided) and fun game nights.

Each fall semester we participate in the A.C.M.'s international programming contest. During the spring semester our club sponsors a local programming contest for Dixie State College students and students from the local high schools. For more information, contact Dr. Russ Ross, the club’s faculty advisor.

Degrees & Certificates
- Bachelor of Science in Computer & Information Technology
- Bachelor of Science in Computer & Information Technology – Computer Science Emphasis
- Bachelor of Science in Computer & Information Technology – Information Technology Emphasis
- Bachelor of Science in Computer & Information Technology – Visual Technologies Emphasis
- Visual Technologies Certificate

Bachelor of Science in Computer & Information Technology  120 credits

The Bachelor of Science in Computer & Information Technology has four basic components:

1. Lower-division, General Education Requirements, excluding Math, which is included in the Core Discipline Requirements (28 – 32 credits).
2. Core Discipline Requirements (52 – 54 credits).
3. Discipline Elective Requirements (21 credits).
4. Other Electives (up to 19 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements:
Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Skills  3.0
- LIB 1010  Information Literacy  1.0

Complete the following:

- American Institutions GE approved course  3.0
- Life Sciences GE approved course  3.0-5.0
- Physical Science GE approved course  3.0-5.0
- Social & Behavioral Sciences GE approved course  3.0
- Fine Arts / Communication GE approved course  3.0
- Literature / Humanities GE approved course  3.0

Core Discipline Requirements
Complete the following:
• CS 1400 Fundamentals of Programming 3.0
• CS 1410 Object-Oriented Programming 3.0
• CS 2420 Intro to Algorithms and Data Structures 3.0
• CS 2450 Software Engineering 3.0
• CS 3005 Programming in C++ 1.0
• CS 3500 Application Development 3.0
• IT 1100 Introduction to Operating Systems 3.0
• IT 2400 Introduction to Networking 3.0
• IT 3100 Systems Design and Administration I 3.0
• IT 3500 Electronic Commerce 3.0
• VT 1300 Communication Design 3.0
• VT 1400 Intro. to Internet Development 3.0
• VT 2500 Computer Illustration 3.0
• VT 2600 Creative Imaging 3.0
• VT 3000 Internet Publishing and Design 3.0
• VT 3100 Interactive Multimedia 3.0
• ENGL 3010 Writing in the Professions 3.0

Complete one of the following: 3.0-5.0
• MATH 1100 Business Calculus (3.0)
• MATH 1210 Calculus I (5.0)

Complete one of the following: 3.0
• CS 4600 Senior Project (3.0)
• IT 4600 Senior Project (3.0)
• VT 4600 Senior Project (3.0)

Discipline Elective Requirements 21.0
Complete 21 credits from the following:
• CS 2810 Computer Organization and Architecture (3.0)
• CS 3400 Operating Systems (3.0)
• CS 3410 Distributed Systems (3.0)
• CS 3600 Graphics Programming (3.0)
• CS 4000 Dynamic Web Development (3.0)
• CS 4010 Interactive Web Development (3.0)
• CS 4100 Advanced Multimedia/Internet Integration (3.0)
• CS 4300 Artificial Intelligence (3.0)
• CS 4550 Compilers (3.0)
• IT 3110 Systems Design and Administration II (3.0)
• IT 3200 Perl Programming (3.0)
• IT 3550 Internet / E-Commerce Marketing (3.0)
• IT 4200 Advanced Web Delivery (3.0)
• IT 4300 Database Design and Management (3.0)
• IT 4400 Network Design and Management (3.0)
• IT 4500 Information Security (3.0)
• MKTG 3010 Marketing Principles (3.0)
• VT 2700 Typography (3.0)
• VT 2710 Advanced Typography (3.0)
• VT 3200 Portfolio Preparation (3.0)
• VT 3300 Introduction to Digital Video Editing (3.0)
• VT 3600 3-D Visualization (3.0)
• VT 3750 Graphic Design History (3.0)
• VT 3780 Prepress & Print Production (3.0)
• VT 3800 Corporate Identity (3.0)
• VT 4000 Dynamic Web Development (3.0)
• VT 4010 Interactive Web Development (3.0)
• VT 4100 Advanced Multimedia / Internet Integration (3.0)
• VT 4700 Publication Design (3.0)
• VT 4750 Package Design (3.0)

NOTE: Cross-listed courses may only be used once to fill elective requirements. Cross listed courses are CS/VT 4000, CS/VT 4010, CS/VT 4100.

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- of higher in each Core Discipline and Elective Requirement course.

Bachelor of Science in Computer & Information Technology

Computer Science Emphasis

The Bachelor of Science in Computer & Information Technology with an emphasis in Computer Science has four basic components:

1. Lower-division, General Education Requirements, excluding Math, which is included in the Core Discipline Requirements (28 – 32 credits).
2. Core Discipline Requirements (63 credits).
3. Discipline Elective Requirements (9 credits).
4. Other Electives (up to 20 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Core Discipline Requirements

Complete the following:

- CS 1400 Fundamentals of Programming 3.0
- CS 1410 Object-Oriented Programming 3.0
- CS 2420 Intro to Algorithms & Data Structures 3.0
- CS 2450 Software Engineering 3.0
- CS 2810 Computer Organization & Architecture 3.0
Complete one of the following: 3.0

- CS 3400 Operating Systems (3.0)
- CS 3410 Distributed Systems (3.0)

**Discipline Elective Requirements** 9.0

Complete 9 credits from the following (courses used to complete Core Discipline Requirements may not be repeated here):

- CS 3310 Discrete Math (3.0)
- CS 3400 Operating Systems (3.0)
- CS 3410 Distributed Systems (3.0)
- CS 3500 Application Development (3.0)
- CS 4000 Dynamic Web Development (3.0)
- CS 4010 Interactive Web Development (3.0)
- IT 3100 Systems Design and Administration I (3.0)
- IT 3110 Systems Design and Administration II (3.0)
- IT 3200 Perl Programming (3.0)
- IT 4200 Advanced Web Delivery (3.0)
- IT 4500 Information Security (3.0)
- MATH 1220 Calculus II (4.0)
- MATH 2210 Multivariable Calculus (3.0)
- MATH 2270 Linear Algebra (3.0)
- MATH 2280 Ordinary Differential Equations (3.0)
- MATH 3400 Probability and Statistics (3.0)

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- of higher in each Core Discipline and Elective Requirement course.

**Bachelor of Science in Computer & Information Technology** 120 credits

**Information Technology Emphasis**

The Bachelor of Science in Computer & Information Technology with an emphasis in Information Technology has four basic components:

1. Lower-division, General Education Requirements, excluding Math, which is included in the Core Discipline Requirements (28 – 32 credits).
2. Core Discipline Requirements (57 – 59 credits).
3. Discipline Elective Requirements (15 credits).
4. Other Electives (up to 20 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Core Discipline Requirements

Complete the following:

- CS 1400 Fundamentals of Programming 3.0
- CS 1410 Object Oriented Programming 3.0
- CS 2420 Intro to Algorithms and Data Structures 3.0
- IT 1100 Introduction to Operating Systems 3.0
- IT 2400 Introduction to Networking 3.0
- IT 3100 Systems Design and Administration I 3.0
- IT 3110 Systems Design and Administration II 3.0
- IT 3500 Electronic Commerce 3.0
- IT 4200 Advanced Web Delivery 3.0
- IT 4300 Database Design and Management 3.0
- IT 4400 Network Design and Management 3.0
- IT 4500 Information Security 3.0
- IT 4600 Senior Project 3.0
- VT 1300 Communication Design 3.0
- VT 1400 Introduction to Internet Development 3.0
- VT 2500 Computer Illustration 3.0
- VT 2600 Creative Imaging 3.0
- ENGL 3010 Writing in the Professions 3.0

Complete one of the following: 3.0-5.0

- MATH 1100 Business Calculus (3.0)
- MATH 1210 Calculus I (5.0)
Discipline Elective Requirements

Complete **15 credits** from the following:

- CS 2450 Software Engineering (3.0)
- CS 2810 Computer Organization and Architecture (3.0)
- CS 3000 Internet Publishing and Design (3.0)
- CS 3005 Programming in C++ (1.0)
- CS 3100 Interactive Multimedia (3.0)
- CS 3400 Operating Systems (3.0)
- CS 3410 Distributed Systems (3.0)
- CS 3500 Application Development (3.0)
- CS 3600 Graphics Programming (3.0)
- CS 4000 Dynamic Web Development (3.0)
- CS 4010 Interactive Web Development (3.0)
- CS 4100 Advanced Multimedia/Internet Integration (3.0)
- CS 4300 Artificial Intelligence (3.0)
- CS 4550 Compilers (3.0)
- IT 3200 Perl Programming (3.0)
- IT 3550 Internet and E-commerce Marketing (3.0)
- MKTG 3010 Marketing Principles (3.0)
- VT 3000 Internet Publishing and Design (3.0)
- VT 3100 Interactive Multimedia (3.0)
- VT 3200 Portfolio Preparation (3.0)
- VT 3800 Corporate Identity (3.0)
- VT 4000 Dynamic Web Development (3.0)
- VT 4010 Interactive Web Development (3.0)
- VT 4100 Advanced Multimedia/Internet Integration (3.0)

**NOTE:** Cross-listed courses may only be used once to fill elective requirements. Cross listed courses are: CS/VT 3000, CS/VT 3100, CS/VT 4000, CS/VT 4010, CS/VT 4100.

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- of higher in each Core Discipline and Elective Requirement course.

Bachelor of Science in Computer & Information Technology 120 credits

Visual Technologies Emphasis

The Bachelor of Science in Computer & Information Technology with an emphasis in Visual Technologies has four basic components:

1. Lower-division, General Education Requirements, excluding Math, which is included in the Core Discipline Requirements (28 – 32 credits).
2. Core Discipline Requirements (54 credits).
3. Discipline Elective Requirements (21 credits)
4. Other Electives (up to 17 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics
DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Core Discipline Requirements

Complete the following:

- CS 1400 Fundamentals of Programming 3.0
- CS 1410 Object Oriented Programming 3.0
- IT 1100 Introduction to Operating Systems 3.0
- IT 2400 Introduction to Networking 3.0
- IT 3500 Electronic Commerce 3.0
- ENGL 3010 Writing in the Professions 3.0
- MATH 1100 Business Calculus 3.0
- VT 1300 Communication Design 3.0
- VT 1400 Intro. to Internet Development 3.0
- VT 2500 Computer Illustration 3.0
- VT 2600 Creative Imaging 3.0
- VT 3000 Internet Publishing and Design 3.0
- VT 3100 Interactive Multimedia 3.0
- VT 3200 Portfolio Preparation 3.0
- VT 3300 Intro. to Digital Video Editing 3.0
- VT 3600 3-D Visualization 3.0
- VT 4000 Dynamic Web Development 3.0
- VT 4600 Senior Project 3.0

Discipline Electives Requirements

Complete 21 credits from the following:

- ART 1110 Basic Drawing and Composition (3.0)
- ART 2060 Digital Photography (3.0)
- ART 3060 Digital Commercial Studio Photo (3.0)
- CS 2420 Intro to Algorithms and Data Structures (3.0)
- CS 2450 Software Engineering (3.0)
- CS 3500 Application Development (3.0)
- IT 3100 Systems Design and Administration I (3.0)
- IT 3110 Systems Design and Administration II (3.0)
- IT 3550 Internet and E-Commerce Marketing (3.0)
- IT 4200 Advanced Web Delivery (3.0)
- IT 4300 Database Design and Management (3.0)
- IT 4400 Network Design and Management (3.0)
- IT 4500 Information Security (3.0)
- MKTG 3010 Marketing Principles (3.0)
- VT 2700 Typography (3.0)
- VT 3650 3-D Animation (3.0)
- VT 3710 Advanced Typography (3.0)
• VT 3750  Graphic Design History (3.0)
• VT 3780  Prepress & Print Production (3.0)
• VT 3800  Corporate Identity (3.0)
• VT 4010  Interactive Web Development (3.0)
• VT 4100  Adv Multimedia/Internet Integration (3.0)
• VT 4700  Publication Design (3.0)
• VT 4750  Package Design (3.0)
• VT 4900  Independent Research (1.0 – 3.0)
• VT 4910  Senior Graphic Design Exhibit (3.0)
• VT 4920  Visual Technology Internship (1.0 – 3.0)
• VT 4990  Seminars in Visual Technologies (1.0 – 3.0)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- of higher in each Core Discipline and Elective Requirement course.

Visual Technologies Certificate 28-29 credits

General Education Requirements
Complete the following:

• ENGL 1010  Intro to Writing 3.0
• LIB 1010  Information Literacy 1.0

Complete one of the following: 3.0-4.0

• MATH 1010  Intermediate Algebra (4.0)
• MATH 1050  College Algebra/Pre-Calculus (4.0)
• MATH 1100  Business Calculus (3.0)

Core Discipline Requirements
Complete all of the following:

• CS 1400  Fundamentals of Programming 3.0
• VT 1300  Communication Design 3.0
• VT 1400  Intro to Internet Development 3.0
• VT 2500  Computer Illustration 3.0
• VT 2600  Creative Imaging 3.0
• VT 3000  Internet Publishing and Design 3.0
• VT 3100  Interactive Materials 3.0

Completion Requirements

1. Complete a minimum of 28 college-level credits (1000 and above).
2. Complete at least 20 credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Minimum Grade C- or higher required on each Core Discipline course.
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Program Description
Criminal Justice is the application of law, and the social and natural sciences to the societal phenomenon of crime and delinquency. The discipline addresses definitions, causation, prevention, legal processes, and treatment of offenders.

Many career opportunities for students trained in Criminal Justice are available. Opportunities exist in various law enforcement and governmental agencies including DEA agent, FBI agent, corrections officer, security officer, private investigator, game law enforcement officer, immigration officer, Alcohol/Tobacco/Firearms inspector, United States trustee, Internal Revenue officer, Border Patrol agent, Consumer Safety inspector, and other related fields.

Dixie State College established the Southwest Regional Criminal Justice Computer Crime Center in 2010. It will interface with local, state, regional, and national law enforcement officers and programs to educate traditional Criminal Justice majors and to provide a new focus on high-tech crime. This center will educate consumers, law enforcement officers, and criminal justice students, including future law enforcement officers, on identify theft and computer-related crimes.

The Center’s cyber crime lab will train DSC students and local and state law officers in the most current techniques to combat rapidly increasing computer-based crime. Students at the Center will learn how to collect online evidence, dissect and analyze storage disks, keep detailed logs, protect the “chain of custody,” and present expert testimony in court. The Center envisions cooperation between law enforcement and academia that will strengthen crime fighting efforts in Utah and the region.

Such hands-on experience will prepare DSC students with skills and experience to compete for high-level private and government jobs upon graduation. With its emphasis on high-tech crime, it will train graduates with sufficient computer science skills to effectively meet and stay ahead of the emerging threats. Additionally, the Center will provide a clearinghouse for information, sponsor regional and national seminars, and provide a national hot line to provide assistance to law enforcement, consumers, and businesses in countering identity theft and computer-related crimes.

In addition to the Associate of Science in Criminal Justice degree, the Criminal Justice program at Dixie State College includes a Criminal Justice emphasis as part of the Integrated Studies baccalaureate degree.

Degrees & Certificates
- Associate of Science in Criminal Justice

The Associate of Science in Criminal Justice has four basic components:
1. Lower-division, General Education Requirements (31-36 credits).
2. Core Discipline Requirements (12 credits).
3. Discipline Elective Requirements (9 credits)
4. Other Electives (up to 9 credits).

**DSC General Education Requirements**

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete **one** of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra/Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts/Communication GE approved course 3.0
- Literature/Humanities GE approved course 3.0

**Core Discipline Requirements**

Complete **all** of the following:

- CJ 1010 Introduction to Criminal Justice 3.0
- CJ 1330 Criminal Law 3.0
- CJ 1340 Criminal Investigation 3.0
- CJ 2350 Laws of Evidence 3.0

**Discipline Required Electives** 9.0

Complete a minimum of 9 credits from the following:

- CJ 1300 Introduction to Corrections (3.0)
- CJ 1800-1820* Criminal Justice Cooperative Education (1.0-3.0)
- CJ 2330 Juvenile Justice (3.0)
- CJ 2020 Criminal Justice Supervision (3.0)
- CJ 1390 Police Field Operations (3.0)
- CJ 2310 Computerized Legal Research (3.0)
- CJ 2990 Seminar in Criminal Justice (1.0-3.0)

*NOTE: No more than 3 total credits of CJ 1800, CJ 1810, and CJ 1820 may be applied to these requirements.

**Graduation Requirements**

1. Complete a minimum of 61 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
**Program Description**

The vision of the Dixie State College Dental Hygiene Program is to provide a progressive atmosphere that meets the needs of culturally diverse populations through excellence in clinical care, disease prevention and health promotion. Our comprehensive educational atmosphere fosters effective, positive teamwork and emphasizes open lines of communication. Our vision is to have a student selection process which is competitive, fair, and ethical, allowing for a diverse population to be selected, with each contributing positively to the dental team in order to further the advancement of dental health. The Dixie State College Dental Hygiene Program values teamwork, communication, mutual respect and promotion of life-long learning opportunities for our students, patients, faculty, and community dental health professionals.

The Associate of Applied Science in Dental Hygiene degree is a two year program. DSC Dental Hygiene students are instructed in the theoretical knowledge and clinical skills essential for dental hygiene practices. This includes anesthesia procedures and limited expanded functions. Upon successful completion of the Dental Hygiene program, graduates must pass a national written exam, and regional and state clinical board examinations to apply to become a registered dental hygienist (RDH). The Bachelor of Science in Dental Hygiene degree is a degree completion program that is 100 % online which enables a registered dental hygienist to work in other health related fields, such as dental hygiene education, research, and community practice.

**Licensure**

All Associate of Applied Science in Dental Hygiene students will comprehensively prepare for success in the National Board of Dental Hygiene Exam and Regional or State Board Exams.

**Accreditation**

Dixie State College Dental Hygiene Program received an “approval without reporting requirements” status from Commission on Dental Accreditation (CODA) in our 2007 site visit. The Commission on Dental Accreditation, which operates under the auspices of the American Dental Association, is a peer review mechanism that includes the involvement of members of the discipline, the broad educational community, employers, practitioners, the dental licensing community and public members. All of these groups participate in a process designed to ensure educational quality.
The Commission on Dental Accreditation can be contacted at:
211 East Chicago Avenue
Chicago IL 60611
(312) 440-4653

Facilities
The Dixie State College Dental Hygiene Program is located on the first floor of the state-of-the-art Russell C. Taylor Health Science Building. The building is located at 1526 E. Medical Center Drive, St. George UT 84770. The Dixie State College Dental Hygiene Program has a 24-chair campus dental clinic as well as a 4-chair mobile dental clinic.

Clubs
Our students belong to Student American Dental Hygienists Association (SADHA). The purpose of SADHA is to understand the unique demands and experiences student dental hygienists encounter on the road to graduating and obtaining licensure. The goal of SADHA is to empower, support, and develop student members, by offering professional development, leadership, and recognition of achievements.

Services
The Dixie State College Dental Hygiene Program offers many dental hygiene and restorative services at a greatly reduced rate for persons who qualify. Please contact Dental Hygiene Clinic at (435) 879-4900 for information.

Associate of Applied Science Admission Requirements
Students are admitted to the dental hygiene program without discrimination regarding, gender, age, creed, ethnic origin, or marital status. Individuals should give careful consideration to the mental and physical demands of the program prior to making application. The pressure involved in undertaking the responsibilities of direct patient care should be considered when applying to the program.

To apply for the Associate of Applied Science Degree in Dental Hygiene, applicants must apply to become a student of Dixie State College. All applicants must also complete a dental hygiene application.

Prerequisite courses which must be completed before applying to the Dental Hygiene program (21 credits):

- CHEM 1110/1115 Elem General Organic Chemistry / Lab (4.0/1.0)
- BIOL 2060/2065 Principles of Microbiology / Lab (3.0/1.0)
- BIOL 2320/2325 Human Anatomy / Lab (3.0/2.0)
- BIOL 2420/2405 Human Physiology / Lab (3.0/1.0)
- NFS 1020 Scientific Foundations of Nutrition (3.0)

Pre-requisite courses which must be completed before beginning the Dental Hygiene program (15-16 credits):

- ENGL 1010 Intro to Writing (3.0)
- ENGL 2010 Intermediate Writing (3.0)
- PSY 1010 General Psychology (3.0)

One of the following:

- MATH 1030 Quantitative Reasoning (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

One of the following:

- SOC 1010 Intro to Sociology (3.0)
- SOC 1020 Social Problems (3.0)

The applicant must be admitted to Dixie State College, all prerequisite requirements must be met, and the following must be received by the January 10, 2011, application deadline:
• Official transcript showing grades for all pre-requisite classes submitted directly to the Dental Hygiene Department (in addition to the official transcript sent to the DSC Admissions Office)
• Confirmation of 100 minimum clinical hours (must be on dentist’s letterhead, signed by dentist and stating exact hours)
• Three complete reference forms
• Completed background check: Students with a history of misdemeanors, felony charges or convictions involving moral turpitude may not be eligible for state licensure and should contact the dental hygiene department before enrolling
• $50 Application fee
• Three tests / exams completed at Dixie State College on specific dates:
  o General Dental Knowledge Exam
  o HOBET test (Health Occupations Basic Entrance Test)
  o Manual dexterity test.

Grade point average in pre-requisites classes, reference forms, General Dental Knowledge Exam, the HOBET test and the manual dexterity test scores are all complied for a final score. The top 20-24 student are offered positions in the following Fall dental hygiene class.

Following admission into the Dental Hygiene Program all students must provide proof of the following:

• CPR/AED and First Aid (health care provider) certification.
• Immunizations: Tetanus, MMR (measles, mumps, rubella), MMR booster, negative tuberculosis (TB) skin test*, Varicella (chicken pox), Hepatitis A & B series.
  *In the event a student has a positive TB test, a negative TB chest x-ray is required.

Class size for the Associate of Applied Science in Dental Hygiene program: 20-24 students.

Bachelors of Science Admission Requirements
Students are admitted to the Dental Hygiene program without discrimination regarding, gender, age, creed, ethnic origin, or marital status.

To apply for the Bachelors of Science in Dental Hygiene program, applicants must first apply to become a student of Dixie State College. All applicants must also complete a Bachelor of Science in Dental Hygiene program application.

Admission Requirements for Bachelors Degree in Dental Hygiene:

• Provide official transcript from an ADA/CODA accredited dental hygiene program (in addition to the official transcript sent to the DSC Admissions Office)
• Completion of an Associate of Applied Science, Associate of Science, or equivalent degree in Dental Hygiene
• Evidence of current, active Dental Hygiene license*
• Minimum cumulative GPA of 3.0 for dental hygiene coursework
  * There may be some exceptions to this requirement, but these must be approved by the program director (i.e. waiting for receipt of license).

Class size for Bachelor of Science in Dental Hygiene program: 15-25 students.

Degrees & Certificates

• Associate of Applied Science in Dental Hygiene
• Bachelor of Science in Dental Hygiene

Associate of Applied Science in Dental Hygiene 100 credits

The Associate of Applied Science in Dental Hygiene degree has three basic components:

1. Lower-division, General Education Requirements (20-21 credits).
2. Prerequisite Courses (16 credits).
3. Discipline Core Requirements (64 credits).

General Education Requirements
Complete all of the following:
Dental Hygiene

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CHEM 1110/15  Elem General Organic Chemistry / Lab  4.0/1.0
- NFS 1020  Scientific Foundations of Nutrition  3.0
- PSY 1010  General Psychology  3.0

Complete one of the following:  3.0-4.0

- MATH 1030  Quantitative Reasoning (3.0)
- MATH 1040  Intro to Statistics (3.0)
- MATH 1050  College Algebra / Pre-Calculus (4.0)

Prerequisite Courses

Complete all of the following:

- BIOL 2060/2065  Principles of Microbiology / Lab  3.0/1.0
- BIOL 2320/2325  Human Anatomy / Lab  3.0/2.0
- BIOL 2420/2405  Human Physiology / Lab  3.0/1.0

Complete one of the following:  3.0

- SOC 1010  Intro to Sociology (3.0)
- SOC 1020  Social Problems (3.0)

Discipline Core Requirements

Complete all of the following:

First Semester (Fall)
- DHYG 1010  Dental Hygiene Theory I  4.0
- DHYG 1015  Dental Hygiene Clinic I  3.0
- DHYG 2020  Radiology  2.0
- DHYG 2025  Radiology Clinic  1.0
- DHYG 2040  Tooth Morphology  1.0
- DHYG 2045  Tooth Morphology Lab  1.0
- DHYG 2062  Medical Emergencies  3.0
- DHYG 2072  Oral Anatomy, Histology, & Embryology  4.0

Second Semester (Spring)
- DHYG 2510  Dental Hygiene Theory II  3.0
- DHYG 2517  Dental Hygiene Clinic II  4.0
- DHYG 2520  General/Oral Pathology  3.0
- DHYG 2530  Pharmacology  2.0
- DHYG 2540  Periodontics I  3.0
- DHYG 3890  Pain Control Methodology  1.0
- DHYG 3895  Pain Control Methodology Clinic  1.0

Summer Semester
- DHYG 3580  Dental Materials  1.0
- DHYG 3585  Dental Materials Lab  1.0
- DHYG 3815  Dental Hygiene Clinic III  2.0
- DHYG 3850  Expanded Functions Lab  1.0

Third Semester (Fall)
- DHYG 3015  Dental Hygiene Clinic IV  5.0
- DHYG 3020  Special Needs  2.0
- DHYG 3030  Periodontics II  3.0
- DHYG 3050  Legal & Ethical Issues  2.0
- DHYG 3055  Expanded Functions Clinic I  1.0
- DHYG 3060  Community Dental Health I  2.0
Dental Hygiene

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Fourth Semester (Spring)

- DHYG 3065  Community Dental Health I Clinic  1.0
- DHYG 3515  Dental Hygiene Clinic V   5.0
- DHYG 3555  Expanded Functions Clinic II   1.0
- DHYG 3565  Community Dental Health II Clinic  1.0
- DHYG 3570  Dental health Practice Management  1.0

Graduation Requirements

1. Complete a minimum of 100 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in all General Education courses, Prerequisite Courses, Discipline Core Requirements.

Bachelor of Science in Dental Hygiene  120 credits

Prerequisites

- Completion of an AAS, AS, or equivalent degree in Dental Hygiene
- Current, active Dental Hygiene license

General Education Requirements

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010  Intro to Writing    3.0
- ENGL 2010  Intermediate Writing   3.0
- CIS 1200 Computer Skills      3.0
- LIB 1010 Information Literacy  1.0

Complete one of the following:  3.0-4.0

- MATH 1030  Quantitative Reasoning (3.0)
- MATH 1040  Intro to Statistics (3.0)
- MATH 1050  College Algebra / Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course   3.0
- Life Sciences GE approved course   3.0-5.0
- Physical Science GE approved course   3.0-5.0
- Social & Behavioral Sciences GE approved course   3.0
- Fine Arts / Communication GE approved course   3.0
- Literature / Humanities GE approved course   3.0

Discipline Core Requirements

Complete all of the following:
• DHYG 4010 Biostatistics & Epidemiology 3.0
• DHYG 4020 Research Methodology 3.0
• DHYG 4030 Leadership & Group Dynamics 3.0
• DHYG 4570 Senior Project 3.0

Discipline Emphasis Requirements 9.0-18.0
Complete one or both* of the following tracks:

Education Track

• DHYG 4510 Instructional Design & Measurement (3.0)
• DHYG 4520 Instructional Practice (3.0)
• DHYG 4530 Psychology & Philosophical Foundations (3.0)

Public Health Track

• DHYG 4540 Cultural Diversity, Care & Competency (3.0)
• DHYG 4550 Dental Public Health Administration (3.0)

Complete one of the following:

• DHYG 4560 Community Services Practice (3.0)
• DHYG 4565 Expanded Functions Certification (2.0)

*NOTE: Both tracks are available to students needing 30 DSC credits for institutional residency.

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in all Discipline Core and Emphasis Requirements.
DEVELOPMENTAL STUDIES DEPARTMENT
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School of Arts & Letters
Dean:
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Program Description
The mission of the Developmental Studies program at Dixie State College is to facilitate and intercede on behalf of students who may be academically underprepared. The program empowers students to succeed in subsequent college-level coursework and to obtain their academic, career, and personal goals.

As stated in the Dixie State College’s mission statement, “DSC is committed to open enrollment and developing student learning capabilities.” Developmental education is a vital component of DSC’s being an open admission institution. Developmental Studies classes form a strong foundation for student success.

Placement scores determine which, if any, developmental courses a student must take to proceed to subsequent college-level courses. Students are encouraged to take Developmental Studies classes early in their academic careers to help them succeed in other courses.

The Developmental Studies Department offers preparatory courses in composition, math, reading, spelling, study skills, and ESOL; also, the department offers First Year Experience classes for students who have not declared majors. First Year Experience is an exciting program that provides incoming freshmen and transfer student with less than 24 credits the opportunity to explore Dixie State College, and potential career choices, as well as develop the skills and knowledge that will help them be successful in college and beyond.
EDUCATION DEPARTMENT
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Joy Challis

School of Arts & Letters
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(435) 652-7651

Program Description
The mission of the Department of Education is to develop competent, caring, and qualified teachers by ensuring that our students acquire the necessary professional knowledge in content and teaching. In pursuit of that goal, we provide engaging and rigorous classes in the essential areas of teaching, extensive practicum/field experiences in a variety of settings, advisement/mentoring/supervision from experienced, knowledgeable, and caring professors, all within the context of a student-centered learning environment.

Licensure
There are two licensure programs offered in the Department of Education. The Bachelor of Science in Elementary Education will lead to a license by the State of Utah to teach in grades Kindergarten through 6th grade. The Secondary Education Teaching (SET) program will lead to a license by the State of Utah to teach grades 7-12 in a particular content area. The SET program MUST be paired with a bachelor’s degree in a Utah State Office of Education approved content subject area. (See the following link for list of approved content areas: http://www.schools.utah.gov/cert/DOCS/majors.htm)
Clubs
The Dixie Education Student Association (DESA) provides activities that support education students as they work towards program completion. Activities might include workshops on preparing for the Praxis II test, interviewing skills, service activities, team competitions, etc. See the Department Chair if you would like to be involved.

Accreditation
The Department of Education is currently a candidate for national accreditation with the Teacher Education Accreditation Council (TEAC). The program is expecting to have full Initial Accreditation by Fall 2010.

Admission to Elementary Education Degree Program
Application deadlines can be found on the Education Department’s website at http://www.dixie.edu/education/. Listed below are the requirements that you will need to complete before acceptance into the program will be considered. There are four (4) sections:

General Education Requirements

One of the following:

• At least 63 college level credit hours
• Completed Associate degree

Must include one of the following courses: 3.0

- HIST 1700 American History (3.0)
- POLS 1100 American Government (3.0)

Must include one of the following courses: 3.0

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development / Lifespan (3.0)
- FCS 1500 Human Development / Lifespan (3.0)

Diversity Component
Documentation may include any of the following:

• 1 semester of any college level foreign language course, including ASL.
  Evidence of having lived in a foreign-speaking country or environment for a continuous period of 1 year or more.
  Evidence of testing out of college-level foreign language coursework (CLEP).

Prerequisite Requirements

- EDUC 1010 Introduction to Education 3.0
- EDUC 2400 Foundations to Multicultural & ESL Education 3.0
- EDUC 2010 Introduction to Teaching Exceptional Learners 3.0
- EDUC 2500 Technology for Ed / Electronic Portfolios (K-12) 3.0
- EDUC 3110 Educational Psychology 3.0
- MATH 2010 Math for Elementary Teachers I 3.0
- MATH 2020 Math for Elementary Teachers II 3.0

NOTES:
Must earn a 3.0 GPA average in these classes with no D credit
MATH 2010 Must have Grade C or higher.
MATH 2020 Must pass exit test*.
Due to USOE requirements for licensure, previously completed coursework will be evaluated on an individual basis.

Completion of Application Packet (See your Education advisor for more information)

• Completed Application Form
• Three letters of recommendation
• Writing test
  ▪ College placement essay test taken at the testing center, $10 fee. (Copy of writing assessment is sent to Education Department)
• Official transcript from most recent school
• Standardized measure of academic achievement
  ▪ GPA must be an average of 2.75 or above in most recent 30 semester hours overall.
  ▪ GPA must be 3.0 or above with no grade lower than a C- in the Education prerequisite courses.
  ▪ ACT or SAT scores may be considered on a case-by-case basis, rather than GPA.

Admission to Secondary Education Teaching (SET) Licensure Program
The Secondary Education teaching Licensure MUST be paired with a bachelor’s degree in a USOE-approved content area. Application deadlines can be found on the Education Department’s website at http://www.dixie.edu/education/. Listed below are the requirements that you will need to complete before acceptance into the program will be considered. There are four (4) sections:

1. General Education Requirements
   • At least 63 college level credit hours
   Must include one of the following courses: 3.0
   • HIST 1700 American History (3.0)
   • POLS 1100 American Government (3.0)

   Must include one of the following courses: 3.0
   • PSY 1010 General Psychology (3.0)
   • PSY 1100 Human Development / Lifespan (3.0)
   • FCS 1500 Human Development / Lifespan (3.0)

2. Prerequisite Requirements
   • EDUC 1010 Introduction to Education 3.0
   • EDUC 2400 Foundations to Multicultural & ESL Education 3.0
   • EDUC 2010 Introduction to Teaching Exceptional Learners 3.0
   • EDUC 2500 Technology for Ed / Electronic Portfolios (K-12) 3.0
   • EDUC 3110 Educational Psychology 3.0
   • MATH 2010 Math for Elementary Teachers I 3.0
   • MATH 2020 Math for Elementary Teachers II 3.0

   Must earn a 3.0 GPA average in these classes with no D credit.
   Due to USOE requirements for licensure, previously completed coursework will be evaluated on an individual basis.

3. Major Course Work Completion Requirement
   • Students with BS/BA degrees in progress need to have at least 90% of major course work completed and signed off by the major academic content department advisor.
   • Students with completed BA/BA or higher degrees need to have their transcripts reviewed by an advisor. The degree must be in an Utah State Office of Education approved major area (see http://www.schools.utah.gov/cert/DOCS/majors.htm.)

   Academic content departments may add additional admission requirements. These requirements, if added, will focus on unique aspects of each discipline.

4. Application Packet (See advisor)

   Application Requirements
   • Completed Application Form
   • Three letters of recommendation
Emergency Medical Services

- Writing test
  - College placement essay test taken at the testing center, $10 fee. (Copy of writing assessment is sent to Education Department)
- Official transcript from most recent school
- Standardized measure of academic achievement
  - GPA must be an average of 2.75 or above in most recent 30 semester hours overall.
  - GPA must be 3.0 or above with no grade lower than a C- in the Education prerequisite courses.
  - ACT or SAT scores may be considered on a case-by-case basis, rather than GPA.

Degrees & Certificates

- Bachelor of Science in Elementary Education (K-6)
- Secondary Education Teaching (SET) Licensure Program

Bachelor of Science in Elementary Education

125 credits

K-6 Licensure with ESL Endorsement

The Bachelor of Science in Elementary Education (K-6 Licensure with ESL Endorsement) has five basic components:

1. Lower-division, General Education Requirements, including specific requirements for Math, Social & Behavioral Sciences, and American Institutions courses (32 credits).
2. Education pre-professional course requirements (21 credits).
3. One semester of foreign language to fulfill Diversity Requirement (0 – 4).
4. Professional course requirements (62 credits).
5. PRAXIS II test with passing grade.

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0
- MATH 1050 College Algebra / Pre-Calculus 4.0

Complete one of the following: 3.0

- HIST 1700 American Civilization (3.0)
- POLS 1100 American Government (3.0)

Complete the following:

- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

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**Prerequisites**

One of the following:

- Minimum 63 college semester credits 63.0
- Completed Associate of Art degree (60.0)
- Completed Associate of Science degree (60.0)

Complete one of the following to fulfill the Diversity Component:

- Minimum 1-semester of any college-level foreign language (including ASL)
- Evidence of having lived in a non-English speaking country or environment for a continuous period of 1 year or more
- Evidence of testing out of college-level foreign language coursework (CLEP or other standardized test accepted for credit at DSC)

Complete the following as General Education or elective credit: 4.0

- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete one of the following as General Education or elective credit: 3.0

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development / Lifespan (3.0)
- FCS 1500 Human Development / Lifespan (3.0)

Complete one of the following as General Education or elective credit: 3.0

- HIST 1700 American Civilization (3.0)
- POLS 1100 American Government (3.0)

Complete the following pre-professional courses:

- EDUC 1010 Intro to Education 3.0
- EDUC 2010 Intro to Teaching Exceptional Learners 3.0
- EDUC 2400 Foundations of Multicultural & ESL Educ. 3.0
- EDUC 2500 Technology / Educ. / Electronic Portfolio 3.0
- EDUC 3110 Educational Psychology 3.0
- MATH 2010 Math for Elementary Teachers I 3.0
- MATH 2020 Math for Elementary Teachers II 3.0

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in pre-professional courses required.

**Professional Courses**

Prerequisite:

- Admission to the DSC Elementary Education program.

Complete the following:

**Semester I**

- ELED 3100 Curriculum Design, Planning & Assessment 3.0
- ELED 3150 Principles of Early Childhood Education 2.0
- ELED 3250 Effective Classroom Management 3.0
- ELED 3350 Literacy Acquisition of Young Children 3.0
- ELED 3410 Language Acquisition & Cognition ESL 3.0
- ELED 4200 Fine Arts in Elementary Education 2.0

**Semester II**

- ELED 3300 Literacy for the Intermediate Grades 3.0
- ELED 3420 Assessment for ESL Education 3.0
• ELED 3500 Healthy Lifestyles & Physical Education 3.0
• ELED 3550 Curriculum for Early Childhood Education 3.0
• ELED 3650 Assessment of Young Children 2.0
• ELED 3900 Differentiated Instr for Exceptional Children 3.0

Semester III
• ELED 4100 Methods in Teaching Elementary Math 3.0
• ELED 4300 Methods in Teaching Elementary Science 3.0
• ELED 4400 Methods in Teaching Elem Social Studies 3.0
• ELED 4410 Methods/Strategies/Materials Lang Arts ESL 3.0
• ELED 4430 Family/Parent Involvement Educ. ESL 2.0
• ELED 4600 Methods in Teaching Elem Language Arts 2.0

Semester IV
• ELED 4440 Integrating Language and Content ESL 3.0
• ELED 4900 Student Teaching 9.0
• ELED 4989 Capstone Seminar 1.0

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in pre-professional courses required.

Licensure Requirement
• Students are required to pass the PRAXIS II Elementary Education Content Knowledge Test.

Graduation Requirements
1. Complete a minimum of 125 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in all pre-professional and professional EDUC and ELED courses.
6. GPA 3.0 or higher in all pre-professional and professional EDUC and ELED courses.

Secondary Education Licensure
The Secondary Education teaching Licensure program MUST be paired with a bachelor’s degree (BA/BS) in a Utah State Office of Education approved content area. See http://www.schools.utah.gov/cert/DOCS/majors.htm.

Prerequisites
One of the following:
• Minimum 63 college semester credits 63.0
• Completed Associate of Art degree (60.0)
• Completed Associate of Science degree (60.0)

One of the following:
• BS/BA degrees in progress – must have at least 90% of major course work completed and signed off by the major academic content department advisor. The degree must be in a Utah State Office of Education approved major area.
• BA/BA or higher degree completed – must have transcript reviewed by an advisor. The degree must be in a Utah State Office of Education approved major area.

Complete one of the following through General Education or elective credit: 3.0
• HIST 1700 American Civilization (3.0)
• POLS 1100 American Government (3.0)
Complete one of the following as General Education or elective credit: 3.0

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development / Lifespan (3.0)
- FCS 1500 Human Development / Lifespan (3.0)

Complete the following pre-professional courses:

- EDUC 1010 Intro to Education 3.0
- EDUC 2010 Intro to Teaching Exceptional Learners 3.0
- EDUC 2400 Foundations of Multicultural & ESL Educ. 3.0
- EDUC 2500 Technology / Educ. / Electronic Portfolio 3.0
- EDUC 3110 Educational Psychology 3.0

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in pre-professional courses required.

**Professional Courses**

Prerequisite:

- Admission to the DSC Secondary Education Teaching program (SET).

Complete the following:

**Semester I**

- SCED 3720 Reading and Writing in the Content Areas 3.0
- SCED 4100 Curriculum, Instruction, and Assessment 3.0
- SCED 4600 Classroom Management 3.0

Complete one of the following:

- SCED 4700 Content Methods Course 3.0
- Approved Methods Course in a subject content area (3.0)

**Semester II**

- SCED 4900 Secondary Student Teaching 10.0
- SCED 4989 Student Teaching Seminar 2.0

NOTE: Grade C- or higher in each class and 3.0 GPA or higher in professional courses required.

**Licensure Requirement**

- Students are required to pass the PRAXIS II Content Subject Test for their major area prior to student teaching.
EMERGENCY MEDICAL SERVICES PROGRAM
250 Taylor Health Science Bldg.
(435) 652-4950

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Dean of Nursing & Health Sciences
Dr. Carole Grady
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Administrative Assistant
Ruth Bruckert
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Program Description
The Emergency Medical Services (EMS) Program is designed to prepare students for career opportunities in pre-hospital emergency care, such as ambulance, fire department, search and rescue, law enforcement, and volunteer service. Pre-hospital emergency care involves a wide scope of activities such as recognition and management of patients with heart disease, trauma, burns, poisoning, alcohol and drug abuse, childbirth, acute psychiatric disorders, and other medical emergencies. Curricula for all EMS courses are based on the National Standard Curriculum.

Accreditation
The EMS Program is accredited through the Joint Review Committee on Education Programs for EMT-Paramedic, which can be contacted at:

Joint Review Committee on Education Programs for the EMT-Paramedic
7108-C South Alton Way Suite 150
Englewood CO 80112-2106
(303) 694-6191
www.caahep.org

Admission to the Paramedic Program
Applications for admission to the Paramedic program are available online at http://new.dixie.edu/ems. The deadline for applications is June 15th.

Prerequisite Courses

One of the following:

- MATH 1010 Intermediate Algebra (4.0)
  Math Placement score 23 or higher (0.0)

One of the following:

- BIOL 1200 Human Biology (3.0)
  BIOL 2320/2325 Human Anatomy / Lab (3.0/2.0)

NOTE: Average GPA 2.0 required in prerequisite classes

After students have completed prerequisites courses, in order to qualify for admittance into the Paramedic Program, a complete application, which includes all of the following, must be submitted:

- Admission to Dixie State College
• Completed DSC Paramedic Program Application
• 2 Confidential Recommendation Forms
• Proof of current EMT certification
• Official Transcripts
• Personal Letter, which should include:
  o Why you want to be a Paramedic, why you feel you should be admitted into the program, and other information you think
    the Advisory Board will find useful in making its selections.
• Receipt for $25.00 Application Fee

A candidate who has submitted a complete application by the deadline will be scheduled for an interview which will be judged by the
candidate’s exhibition of prudence and good judgment, answers to scenario based questions, and competence. Oral interviews are conducted at
Dixie State College during the second week of July.

The application and interview will then be reviewed by a panel that will select the top 16 applicants to be accepted into the program, as well as
possible alternatives in case space becomes available. All applicants will receive written formal notification of their status via U.S. mail. A
candidate who is declined acceptance may reapply the following year, but will be required to submit a new application.

Once admitted to the Paramedic program, students may pursue either a Paramedic Certificate or an Associate of Applied Science in Emergency
Medical Service.

Degrees & Certificates
• Associate of Applied Science in Emergency Medical Services
• Paramedic Institutional Certificate
• Emergency Medical Technical – Basic Certificate (EMT-B)
• Emergency Medical Technical – Intermediate Certificate (EMT-I)

Associate of Applied Science in Emergency Medical Service  67 credits

Prerequisite
• Emergency Medical Technician – Basic (EMT-B) certification for one (1) year prior to application deadline.

General Education Requirements
Complete the following:

• ENGL 1010  Intro to Writing  3.0
• ENGL 2010  Intermediate Writing  3.0
• CIS 1200  Computer Literacy  3.0
• COMM 2110  Interpersonal Communication  3.0

Complete one of the following:  3.0-4.0

• MATH 1030  Quantitative Reasoning (3.0)
• MATH 1040  Intro to Statistics (3.0)
• MATH 1050  College Algebra / Pre-Calculus (4.0)

Program Requirements
Complete both of the following:

• BIOL 2320/2325  Human Anatomy / Lab  3.0/2.0
• BIOL 2420/2425  Human Physiology / Lab  3.0/1.0

Discipline Core Requirements
Complete all of the following:

• EMS 2200  Paramedic I  7.5
Emergency Medical Services

- EMS 2300 Paramedic II 7.5
- EMS 2400 Paramedic III 8.0
- EMS 2500 Paramedic IV 8.0
- EMS 2600 Paramedic V 12.0

Graduation Requirements

1. Complete a minimum of 67 college-level credits (1000 and above).
2. Grade C or higher in each Program Requirement and Discipline Core Requirement course.
3. Cumulative GPA 2.0 or higher.
4. Complete at least 20 hours of lower division credit from DSC for institutional residency.

NOTE: Upon successful completion, students are eligible to apply for certification as a Paramedic through the Utah Bureau of Emergency Medical Services.

Paramedic Certificate 56-60 credits

Prerequisite

- Emergency Medical Technician – Basic (EMT-B) certification for one (1) year prior to application deadline.

General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0

Complete one of the following: 3.0-5.0

- BIOL 1010 General Biology (3.0)
- BIOL 1610/15 Principles of Biology I / Lab (4.0/1.0)

Program Prerequisites

Complete one of the following: 4.0

- MATH 1010 Intermediate Algebra
  Math Placement score 23 or higher (0.0)

Complete one of the following: 3.0-5.0

- BIOL 1200 Human Biology (3.0)
- BIOL 2320/2325 Human Anatomy (3.0/2.0)

Discipline Core Requirements

Complete the following:

- EMS 2200 Paramedic I 7.5
- EMS 2300 Paramedic II 7.5
- EMS 2400 Paramedic III 8.0
- EMS 2500 Paramedic IV 8.0
- EMS 2600 Paramedic V 12.0

Completion Requirements

1. Complete a minimum of 56 college-level credits (1000 and above).
2. Grade C or higher in each Program Prerequisite and Discipline Core Requirement course.
3. Cumulative GPA 2.0 or higher.

NOTE: Upon successful completion, students are eligible to apply for certification as a Paramedic through the Utah Bureau of Emergency Medical Services.
EMT Intermediate Certificate 4 credits

Prerequisite

- Emergency Medical Technician - Basic (EMT-B) Certification

Discipline Core Requirements

Complete the following:

- EMS 1200 EMT Intermediate 4.0

Completion Requirements

1. Complete EMS 1200 Grade C or higher.
2. Cumulative GPA 2.0 or higher.

Note: Upon successful completion, students are eligible to apply for certification as an Emergency Medical Technician – Intermediate through the Utah Bureau of Emergency Services.

EMT Basic Certificate 8 credits

Discipline Core Requirements

Complete the following:

- EMS 1100 EMT Basic 8.0

Completion Requirements

- Complete EMS 1100 Grade C or higher.

Note: Upon successful completion, students are eligible to apply for certification as an Emergency Medical Technician – Basic through the Utah Bureau of Emergency Services.
ENGLISH DEPARTMENT
200 McDonald Bldg.
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Assistant Professor
James Haeendiges

Instructor
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435.879.4296
Program Description
The English Department at Dixie State College strives to instill in students an appreciation for the centrality of language and literature in human culture, particularly their function in social, historical, and political contexts. Students who major in English master skills in analyzing and evaluating texts and other media, as well as learning how to produce focused critical essays. Our literature courses seek to broaden and deepen students’ understanding of the unique value of literary expression as an aesthetic form that challenges the senses, the intellect, and the imagination. Students also learn to appreciate the complex relationship between the aesthetic and intellectual aspects of literature and the culture and time in which it was produced. Our writing courses instruct students in the standards and effective use of written and verbal communication.

English majors at Dixie State can pursue two degree options: the Bachelor of Arts (B.A.) or the Bachelor of Science (B.S.). These degrees provide students with a broad, liberal arts foundation that will serve them well as citizens, employees, and graduate students. In addition to a set of core courses that all majors take, students choose from three curricular emphases—Literary Studies, Professional and Technical Writing, and English Education.

Clubs
The English Department sponsors the Dixie State College Chapter of Sigma Tau Delta, the International English Honor Society. Dr. Ami Comeford is the faculty advisor.

Degrees & Certificates
- Bachelor of Arts in English – English Education Emphasis
- Bachelor of Science in English – English Education Emphasis
- Bachelor of Arts in English – Literary Studies Emphasis
- Bachelor of Science in English – Literary Studies Emphasis
- Bachelor of Arts in English – Professional & Technical Writing Emphasis
- Bachelor of Science in English – Professional & Technical Writing Emphasis

Bachelor of Arts in English
English Education Emphasis
120 credits

The Bachelor of Arts in English with an English Education emphasis has five basic components:

1. Lower-division General Education requirements, excluding Literature / Humanities, which is included in the degree requirements (28 – 31 credits).
2. Foreign language requirement through courses, vertical credit, or examination (16 credits).
3. Core Discipline Requirements (24 credits).
4. Emphasis Requirements (21 credits).
5. Secondary Education Teaching (SET) pre-professional and professional courses (39 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics
DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following (SET required course):

- HIST 1700 American Civilization (3.0)
- POLS 1100 American Government (3.0)

Complete one of the following:

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete one of the following (SET required course):

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development / Lifespan (3.0)
- FCS 1500 Human Development / Lifespan (3.0)

Complete the following:

- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Fine Arts / Communication GE approved course 3.0

Complete the following:

- Credits in a single foreign language (excluding ASL) through college courses, vertical credit, or examination 16.0

Core Discipline Requirements

Complete the following:

- ENGL 1410 Elements of Grammar 3.0
- ENGL 2600 Critical Introduction to Literature 3.0
- ENGL 3030 Advanced Writing 3.0
- ENGL 3220 Multi-Ethnic American Literature 3.0
- ENGL 3810 History & Structure of the English Lang. 3.0
- ENGL 4900 Senior Capstone 3.0

Complete one of the following:

- ENGL 2400 American Literature I (3.0)
- ENGL 2410 American Literature II (3.0)

Complete one of the following:

- ENGL 2500 British Literature I (3.0)
- ENGL 2510 British Literature II (3.0)

Emphasis Requirements

Complete the following:

- ENGL 2140 Creative Writing 3.0
- ENGL 3400 World Literature 3.0
- ENGL 3510 Shakespeare 3.0
- ENGL 3520 Young Adult Literature 3.0
• ENGL 4510 Methods of Teaching Literature 3.0

Complete a minimum of one Genre Studies course:

• ENGL 3200-3209 Genre Studies 3.0

Complete a minimum of one Period/Topic Studies OR Major Authors course: 3.0

• ENGL 3210-3219 Period/Topic Studies in Literature (3.0)
  ENGL 3260-3269 Major American Authors (3.0)
  ENGL 3270-3279 Major British Authors (3.0)
  ENGL 3280-3289 Major World Authors (3.0)

Secondary Education Pre-Professional Requirements
Complete the following courses:

• EDUC 1010 Intro to Education 3.0
• EDUC 2010 Intro to Teaching Exceptional Learners 3.0
• EDUC 2400 Foundations of Multicultural & ESL Educ. 3.0
• EDUC 2500 Technology / Educ. / Electronic Portfolio 3.0
• EDUC 3110 Educational Psychology 3.0

To take any professional classes listed below, students must be admitted to the Secondary Education Teaching Program (SET) along with these additional requirements:

1. All Pre-Professional Education classes have been completed.
2. Students with BS/BA degrees in progress need to have at least 90% of major coursework completed and approved by the major academic content department advisor.
3. Students with completed BS/BA or higher degrees need to have their transcripts reviewed by degree content areas.

Secondary Education Professional Requirements
Complete the following:

Semester I

• ENGL 4500 Methods of Teaching Writing 3.0
• SCED 3720 Read / Write in Content Areas 3.0
• SCED 4100 Curriculum / Instruction / Assessment 3.0
• SCED 4600 Classroom Management 3.0

Semester II

• SCED 4900 Secondary Student Teaching 10.0
• SCED 4989 Student Teaching Seminar 2.0

Licensure Requirement

• Students are required to pass the PRAXIS II English Language, Literature, and Composition test prior to student teaching.

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Institutional GPA 2.0 or higher.
6. Grade C- or higher in each English Core Discipline Requirement course required.
7. Grade C- or higher in each Education and Secondary Education pre-professional and professional class required.
8. 3.0 GPA or higher in Education and Secondary Education pre-professional and professional courses required.
Bachelor of Science in English  
**English Education Emphasis**

The Bachelor of Science in English with an English Education emphasis has five basic components:

1. Lower-division General Education requirements, excluding Literature / Humanities, which is included in the degree requirements (28 – 31 credits).
2. Core Discipline Requirements (24 credits).
3. Emphasis Requirements (21 credits).
4. Secondary Education Teaching (SET) pre-professional and professional courses (39 credits).
5. Electives (up to 8 credits).

**General Education**

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

**DSC General Education Requirements**

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following (SET required course):

- HIST 1700 American Civilization (3.0)
- POLS 1100 American Government (3.0)

Complete one of the following:

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete one of the following (SET required course):

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development / Lifespan (3.0)
- FCS 1500 Human Development / Lifespan (3.0)

Complete the following:

- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Fine Arts / Communication GE approved course 3.0

**Core Discipline Requirements**

Complete the following:

- ENGL 1410 Elements of Grammar 3.0
- ENGL 2600 Critical Introduction to Literature 3.0
- ENGL 3030 Advanced Writing 3.0
- ENGL 3220 Multi-Ethnic American Literature 3.0
- ENGL 3810 History & Structure of the English Lang. 3.0
- ENGL 4900 Senior Capstone 3.0
Complete one of the following: 3.0

- ENGL 2400 American Literature I (3.0)
- ENGL 2410 American Literature II (3.0)

Complete one of the following: 3.0

- ENGL 2500 British Literature I (3.0)
- ENGL 2510 British Literature II (3.0)

**Emphasis Requirements**

Complete the following:

- ENGL 2140 Creative Writing 3.0
- ENGL 3400 World Literature 3.0
- ENGL 3510 Shakespeare 3.0
- ENGL 3520 Young Adult Literature 3.0
- ENGL 4510 Methods of Teaching Literature 3.0

Complete a minimum of one Genre Studies course:

- ENGL 3200-3209 Genre Studies 3.0

Complete a minimum of one Period/Topic Studies OR Major Authors course: 3.0

- ENGL 3210-3219 Period/Topic Studies in Literature (3.0)
- ENGL 3260-3269 Major American Authors (3.0)
- ENGL 3270-3279 Major British Authors (3.0)
- ENGL 3280-3289 Major World Authors (3.0)

**Secondary Education Pre-Professional Requirements**

Complete the following courses:

- EDUC 1010 Intro to Education 3.0
- EDUC 2010 Intro to Teaching Exceptional Learners 3.0
- EDUC 2400 Foundations of Multicultural & ESL Educ. 3.0
- EDUC 2500 Technology / Educ. / Electronic Portfolio 3.0
- EDUC 3110 Educational Psychology 3.0

To take any professional classes listed below, students must be admitted to the Secondary Education Teaching Program (SET) along with these additional requirements:

1. All Pre-Professional Education classes have been completed.
2. Students with BS/BA degrees in progress need to have at least 90% of major coursework completed and approved by the major academic content department advisor.
3. Students with completed BS/BA or higher degrees need to have their transcripts reviewed by degree content areas.

**Secondary Education Professional Requirements**

Complete the following:

**Semester I**

- ENGL 4500 Methods of Teaching Writing 3.0
- SCED 3720 Read / Write in Content Areas 3.0
- SCED 4100 Curriculum / Instruction / Assessment 3.0
- SCED 4600 Classroom Management 3.0

**Semester II**

- SCED 4900 Secondary Student Teaching 10.0
- SCED 4989 Student Teaching Seminar 2.0

**Licensure Requirement**

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• Students are required to pass the PRAXIS II English Language, Literature, and Composition test prior to student teaching.

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Institutional GPA 2.0 or higher.
6. Grade C- or higher in each English Core Discipline Requirement course required.
7. Grade C- or higher in each Education and Secondary Education pre-professional and professional class required.
8. 3.0 GPA or higher in Education and Secondary Education pre-professional and professional courses required.

Bachelor of Arts in English

Literary Studies Emphasis

120 credits

The Bachelor of Science in English with a Literary Studies emphasis has five basic components:

1. Lower-division General Education requirements, excluding Literature / Humanities, which is included in the degree requirements (28 – 31 credits).
2. Foreign language requirement through courses, vertical credit, or examination (16 credits).
3. Core Discipline Requirements (24 credits).
4. Emphasis Requirements (21 credits).
5. Electives (up to 31 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

• American Institutions
• English
• Mathematics

DSC General Education Requirements

Complete the following:

• ENGL 1010 Intro to Writing 3.0
• ENGL 2010 Intermediate Writing 3.0
• CIS 1200 Computer Skills 3.0
• LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

• MATH 1030 Quantitative Literacy (3.0)
• MATH 1040 Intro to Statistics (3.0)
• MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

• American Institutions GE approved course 3.0
• Life Sciences GE approved course 3.0-5.0
• Physical Science GE approved course 3.0-5.0
• Social & Behavioral Sciences GE approved course 3.0
• Fine Arts / Communication GE approved course 3.0

Complete the following:

• Credits in a single foreign language (excluding ASL) through college courses, vertical credit, or examination 16.0
Core Discipline Requirements
Complete the following:

- ENGL 1410 Elements of Grammar 3.0
- ENGL 2600 Critical Introduction to Literature 3.0
- ENGL 3030 Advanced Writing 3.0
- ENGL 3220 Multi-Ethnic American Literature 3.0
- ENGL 3810 History & Structure of the English Language 3.0
- ENGL 4900 Senior Capstone 3.0

Complete one of the following: 3.0

- ENGL 2400 American Literature I (3.0)
- ENGL 2410 American Literature II (3.0)

Complete one of the following: 3.0

- ENGL 2500 British Literature I (3.0)
- ENGL 2510 British Literature II (3.0)

Emphasis Requirements
Complete the following:

- ENGL 3230 Literature & Culture 3.0
- ENGL 3400 World Literature 3.0
- ENGL 3510 Shakespeare 3.0
- ENGL 3600 Literary Theory 3.0

Complete a minimum of one Genre Studies course: 3.0

- ENGL 3200-3209 Genre Studies (3.0)

Complete a minimum of one Period/Topic Studies course: 3.0

- ENGL 3210-3219 Period/Topic Studies in Literature (3.0)

Complete a minimum of one Major Authors course: 3.0

- ENGL 3260-3269 Major American Authors (3.0)
- ENGL 3270-3279 Major British Authors (3.0)
- ENGL 3280-3289 Major World Authors (3.0)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Institutional GPA 2.0 or higher.
6. Grade C- of higher in each Core Discipline Requirement course.

Bachelor of Science in English
Literary Studies Emphasis

The Bachelor of Science in English with a Literary Studies emphasis has four basic components:

1. Lower-division General Education requirements, excluding Literature / Humanities, which is included in the degree requirements (28 – 31 credits).
2. Core Discipline Requirements (24 credits).
3. Emphasis Requirements (21 credits).
4. Electives (up to 47 credits).

**General Education**
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

**DSC General Education Requirements**
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

**Core Discipline Requirements**
Complete the following:

- ENGL 1410 Elements of Grammar 3.0
- ENGL 2600 Critical Introduction to Literature 3.0
- ENGL 3030 Advanced Writing 3.0
- ENGL 3220 Multi-Ethnic American Literature 3.0
- ENGL 3810 History & Structure of the English Lang. 3.0
- ENGL 4900 Senior Capstone 3.0

Complete one of the following: 3.0

- ENGL 2400 American Literature I (3.0)
- ENGL 2410 American Literature II (3.0)

Complete one of the following: 3.0

- ENGL 2500 British Literature I (3.0)
- ENGL 2510 British Literature II (3.0)

**Emphasis Requirements**
Complete the following:

- ENGL 3230 Literature & Culture 3.0
- ENGL 3400 World Literature 3.0
- ENGL 3510 Shakespeare 3.0
- ENGL 3600 Literary Theory 3.0
Complete a minimum of one Genre Studies course: 3.0
- ENGL 3200-3209 Genre Studies (3.0)

Complete a minimum of one Period/Topic Studies course: 3.0
- ENGL 3210-3219 Period/Topic Studies in Literature (3.0)

Complete a minimum of one Major Authors course: 3.0
- ENGL 3260-3269 Major American Authors (3.0)
- ENGL 3270-3279 Major British Authors (3.0)
- ENGL 3280-3289 Major World Authors (3.0)

Graduation Requirements
1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Institutional GPA 2.0 or higher.
6. Grade C- of higher in each Core Discipline Requirement course.

Bachelor of Arts in English
Professional & Technical Writing Emphasis
120 credits

The Bachelor of Science in English with a Professional & Technical Writing emphasis has five basic components:

1. Lower-division General Education requirements, excluding Literature / Humanities, which is included in the degree requirements (28 – 31 credits).
2. Foreign language requirement through courses, vertical credit, or examination (16 credits).
3. Core Discipline Requirements (24 credits).
4. Emphasis Requirements (21 credits).
5. Electives (up to 31 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:
- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0
- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete the following:
- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
• Physical Science GE approved course 3.0-5.0
• Social & Behavioral Sciences GE approved course 3.0
• Fine Arts / Communication GE approved course 3.0

Complete the following:

• Credits in a single foreign language (excluding ASL) through college courses, vertical credit, or examination 16.0

**Discipline Core Requirements**

Complete the following:

• ENGL 1410 Elements of Grammar 3.0
• ENGL 2600 Critical Introduction to Literature 3.0
• ENGL 3030 Advanced Writing 3.0
• ENGL 3220 Multi-Ethnic American Literature 3.0
• ENGL 3810 History & Structure of the English Lang. 3.0
• ENGL 4900 Senior Capstone 3.0

Complete one of the following: 3.0

• ENGL 2400 American Literature I (3.0)
• ENGL 2410 American Literature II (3.0)

Complete one of the following: 3.0

• ENGL 2500 British Literature I (3.0)
• ENGL 2510 British Literature II (3.0)

**Emphasis Requirements**

Complete the following:

• ENGL 2100 Technical Writing 3.0
• ENGL 3120 Document Design 3.0
• ENGL 3130 Grant & Proposal Writing 3.0
• ENGL 3180 Writing for Interactive Media 3.0
• ENGL 3720 Editing 3.0

Complete two of the following: 6.0

• ENGL 3340 Rhetoric of Science (3.0)
• ENGL 3341 Studies in Writing, Rhetoric, & Pedagogy (3.0)
• ENGL 3350 Writing & Professional Contexts (3.0)
• ENGL 3360 Writing for Magazines & Trade Journals (3.0)

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Institutional GPA 2.0 or higher.
6. Grade C- of higher in each Core Discipline Requirement course.
Bachelor of Science in English Degree  120 credits
Professional & Technical Writing Emphasis

The Bachelor of Science in English with a Professional & Technical Writing emphasis has four basic components:

1. Lower-division General Education requirements, excluding Literature / Humanities, which is included in the degree requirements (28 – 31 credits).
2. Core Discipline Requirements (24 credits).
3. Emphasis Requirements (21 credits).
4. Electives (up to 47 credits).

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0

Discipline Core Requirements
Complete the following:

- ENGL 1410 Elements of Grammar 3.0
- ENGL 2600 Critical Introduction to Literature 3.0
- ENGL 3030 Advanced Writing 3.0
- ENGL 3220 Multi-Ethnic American Literature 3.0
- ENGL 3810 History & Structure of the English Language 3.0
- ENGL 4900 Senior Capstone 3.0

Complete one of the following: 3.0

- ENGL 2400 American Literature I (3.0)
- ENGL 2410 American Literature II (3.0)

Complete one of the following: 3.0

- ENGL 2500 British Literature I (3.0)
- ENGL 2510 British Literature II (3.0)
Emphasis Requirements

Complete the following:

- ENGL 2100 Technical Writing 3.0
- ENGL 3120 Document Design 3.0
- ENGL 3130 Grant & Proposal Writing 3.0
- ENGL 3180 Writing for Interactive Media 3.0
- ENGL 3720 Editing 3.0

Complete two of the following: 6.0

- ENGL 3340 Rhetoric of Science (3.0)
- ENGL 3341 Studies in Writing, Rhetoric, & Pedagogy (3.0)
- ENGL 3350 Writing & Professional Contexts (3.0)
- ENGL 3360 Writing for Magazines & Trade Journals (3.0)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Institutional GPA 2.0 or higher.
6. Grade C- of higher in each Core Discipline Requirement course.
FAMILY AND CONSUMER SCIENCE DEPARTMENT
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Program Description
The Family and Consumer Sciences Department has three separate components: Family and Consumer Science, Early Childhood Education, and Nutrition and Food Science. The Family and Consumer Science area provides a variety of courses that motivate critical thinking and competency in the development of life skills, encourage improvement in the quality of individual and family life, and prepare students for employment in related occupations. Students interested in family and consumer science curriculum are advised to consult with a department faculty member to plan an efficient sequence of courses. Courses are offered in human development, early childhood education, textiles, interior design, family relationships, stress reduction, and personal safety.

Nutrition and Food Science classes are based on developing wellness through appropriate nutrition, food, and lifestyle choices. After further study, possible professional outcomes include registered dietitian, county extension agent and a variety of health occupation opportunities including consultant in various health institutions and organizations as well as other community, national and international health applications. Dixie State College offers three degree opportunities in Early Childhood Education: the Associate of Applied Science in ECE, and the Associate of Science OR Arts in ECE. Students may use the degree for entry level employment as teachers in Head Start Programs or other early childhood settings. Additionally, the coursework in the AS/AA degree in ECE is designed to correlate with requirements in the Elementary Education Program at DSC, so a graduate of the Education track will have completed all prerequisite requirements for the Elementary Education program. Besides the Education track, there are two other tracks within the associate's degree: one oriented toward Head Start, and one geared towards becoming an Early Intervention Specialist.

Degrees & Certificates

- Associate of Arts in Early Childhood Education
- Associate of Science in Early Childhood Education
- Associate of Applied Science in Early Childhood Education
## Associate of Arts in Early Childhood Education

71-72 credits

### General Education

Complete the following:

- **ENGL 1010** Intro to Writing 3.0
- **ENGL 2010** Intermediate Writing 3.0
- **CIS 1200** Computer Literacy 3.0
- **LIB 1010** Information Literacy 3.0

Complete **one** of the following: 3.0-4.0

- **MATH 1030** Quantitative Reasoning (3.0)
- **MATH 1040** Intro to Statistics (3.0)
- **MATH 1050** College Algebra/Pre-Calculus (4.0)

* **MATH 1050** required for Education Track

Complete the following:

- American Institutions GE approved course 3.0
  
  *HIST 1700 American Civilization (3.0) or POLS 1100 American Government (3.0) recommended*

- Life Sciences GE approved course 3.0-5.0
  
  *BIOL 1010 General Biology (3.0) or NFS 1020 Scientific Foundations of Nutrition (3.0) recommended*

- Physical Science GE approved course 3.0-5.0
  
  *PHYS 1360/1365 Principles of Physical Science / Lab (3.0/1.0) recommended*

- Social & Behavioral Sciences GE approved course 3.0
  
  *FCS 1500 Human Development / Lifespan (3.0) or PSY 1100 Human Development / Lifespan (3.0) recommended*

- Fine Arts / Communication GE approved course 3.0
  
  *COMM 1020 Public Speaking or ART 1010 Intro to Art recommended*

- Literature / Humanities GE approved course 3.0
  
  *ENGL 2530 Children’s Literature recommended*

Complete the following:

Credits in a single foreign language through college courses, vertical credit, or examination 8.0

### Core Discipline Requirements

Complete **all** of the following:

- **EDUC 1010** Intro to Education 3.0
- **EDUC 2010** Intro to Exceptional Learners 3.0
- **EDUC 2400** Foundations Multicultural/ESL 3.0
- **FCS 2610** Child Guidance Devel. Theory 3.0
- **FCS 2620** Plan Creative Experiences Child 3.0
- **FCS 2640** Partnering with Parents 3.0
- **FCS 2880** Practicum in Early Childhood 4.0

Select **one** of the following tracks:

### Education Track (9 credits)

Complete **all** of the following:

- **MATH 2010** Math for Elementary Teachers I 3.0
- **MATH 2020** Math for Elementary Teacher II 3.0
- **FCS 2500** Child Development / Birth to Eight 3.0
Head Start Track (8 credits)
Complete all of the following:

- FCS 2400 Family Relationships 3.0
- FCS 2600 Intro to Early Childhood Education 2.0
- NFS 2120 Infant/Child Nutrition 3.0

Child Care Track (9 credits)
Complete all of the following:

- FCS 2400 Family Relationships 3.0
- NFS 2120 Infant/Child Nutrition 3.0
- PEHR 1543 First Aid /Respond Emergencies 3.0

Early Intervention Track (9 credits)
Complete all of the following:

- FCS 2400 Family Relationships 3.0
- FCS 2700 EIS Service Coord Eval Assess 1.0
- FCS 2701 EIS Devel Special Needs Child 1.0
- FCS 2702 EIS Cognitive Devel Spec Needs 1.0
- FCS 2703 EIS: Health Safety Spec Needs 1.0
- FCS 2704 EIS Motor Devel Sensory Integr 1.0
- FCS 2705 EIS Comm Soc/Emotional Devel 1.0

Graduation Requirements
1. Complete a minimum of 71 credits.
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.

Associate of Science in Early Childhood Education 63-64 credits

General Education
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Literacy 3.0
- LIB 1010 Information Literacy 3.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Reasoning (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050* College Algebra/Pre-Calculus (4.0)
  *MATH 1050 required for Education Track

Complete the following:

- American Institutions GE approved course 3.0
  HIST 1700 American Civilization (3.0) or POLS 1100 American Government (3.0) recommended
- Life Sciences GE approved course 3.0-5.0
  BIOL 1010 General Biology (3.0) or NFS 1020 Scientific Foundations of Nutrition (3.0) recommended
- Physical Science GE approved course 3.0-5.0
  PHYS 1360/1365 Principles of Physical Science / Lab (3.0/1.0) recommended
- Social & Behavioral Sciences GE approved course 3.0
Family & Consumer Science

Core Discipline Requirements
Complete all of the following:

- EDUC 1010 Intro to Education 3.0
- EDUC 2010 Intro to Exceptional Learners 3.0
- EDUC 2400 Foundations Multicultural/ESL 3.0
- FCS 2610 Child Guidance Devel. Theory 3.0
- FCS 2620 Plan Creative Experiences Child 3.0
- FCS 2640 Partnering with Parents 3.0
- FCS 2880 Practicum in Early Childhood 4.0

Select one of the following tracks:

**Education Track** (9 credits)
Complete all of the following:

- MATH 2010 Math for Elementary Teachers I 3.0
- MATH 2020 Math for Elementary Teacher II 3.0
- FCS 2500 Child Development / Birth to Eight 3.0

**Head Start Track** (8 credits)
Complete all of the following:

- FCS 2400 Family Relationships 3.0
- FCS 2600 Intro to Early Childhood Education 2.0
- NFS 2120 Infant/Child Nutrition 3.0

**Child Care Track** (9 credits)
Complete all of the following:

- FCS 2400 Family Relationships 3.0
- NFS 2120 Infant/Child Nutrition 3.0
- PEHR 1543 First Aid / Respond Emergencies 3.0

**Early Intervention Track** (9 credits)
Complete all of the following:

- FCS 2400 Family Relationships 3.0
- FCS 2700 EIS Service Coord Eval Assess 1.0
- FCS 2701 EIS Devel Special Needs Child 1.0
- FCS 2702 EIS Cognitive Devel Spec Needs 1.0
- FCS 2703 EIS: Health Safety Spec Needs 1.0
- FCS 2704 EIS Motor Devel Sensory Integr 1.0
- FCS 2705 EIS Comm Soc/Emotional Devel 1.0

Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
Associate of Applied Science in Early Childhood Education  64-66 credits

General Education
Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Literacy  3.0
- LIB 1010  Information Literacy  3.0

Complete one of the following:  3.0

- ECON 1740  Economic History of the U.S.  (3.0)
- HIST 1700  American Civilization  (3.0)
- POLS 1100  American Government  (3.0)

Complete one of the following:  3.0-4.0

- MATH 1030  Quantitative Reasoning (3.0)
- MATH 1040  Intro to Statistics (3.0)
- MATH 1050  College Algebra/Pre-Calculus  (4.0)

Complete one of the following:  3.0

- FCS 1500  Human Development / Lifespan (3.0)
- PSY 1100  Human Development / Lifespan (3.0)

Complete one of the following:  3.0-4.0

- NFS 1020  Scientific Foundations of Nutrition (3.0)
- PHYS 1360/1365  Principles of Physical Science / Lab (3.0/1.0)

Core Discipline Requirements
Complete the following:

- EDUC 2010  Intro to Exceptional Learners  3.0
- FCS 2610  Child Guidance / Devel. Theory  3.0
- FCS 2620  Plan Creative Experiences Child  3.0
- FCS 2640  Partnering with Parents  3.0
- FCS 2880  Practicum in Early Childhood  4.0
- PEHR 1543  First Aid / Respond Emergencies  3.0

Elective Courses

- Complete elective credits  18.0

Recommended electives (not required):

- BUS 1010  Intro to Business (3.0)
- EDUC 1010  Intro to Education (3.0)
- EDUC 2400  Foundations Multicultural/ESL (3.0)
- ENGL 2330  Children’s Literature (3.0)
- MGMT 2620  Principles of Management (3.0)
- NFS 2120  Infant/Child Nutrition (3.0)

Graduation Requirements

1. Complete a minimum of 64 credits.
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
The Fine Arts Department houses coursework in Art, Dance, and Theatre. Art classes are offered at both the lower-division and the upper-division level and are designed to prepare students to transfer to other institutions to complete their bachelor’s degrees. Dance coursework focuses on lower-division classes, and Art and Theatre are available emphases in the Integrated Studies program. Theatre also has fully-developed undergraduate offerings that lead to DSC bachelor’s degrees in that discipline.

The academic programs in Fine Arts are focused on liberal arts preparation, which means that students’ professional preparation in the arts is balanced by non-major coursework throughout their time at DSC. Students get excellent discipline-specific education that prepares them for a variety of jobs in their areas of interest and for further fine arts training at the graduate school level. However, statistics show that the majority of fine arts graduates do not end up in arts careers. The liberal arts component of DSC’s fine arts programs helps prepare students with versatile skills that allow them to compete in a fast-changing job market. In addition to discipline-specific outcomes, the goal of liberal arts preparation is to equip students with creative and critical thinking skills and with communication and teamwork skills. DSC Music graduates are music teachers and DSC Theatre graduates are casting directors, but graduates of DSC Fine Arts programs are also small business owners, marketing directors, TV news anchors, government employees, morticians, lawyers, and so forth.

In addition to classroom activities, DSC Fine Arts programs present a robust array of gallery showings, dance concerts, vocal and instrumental music performances, and theatre productions. Fine Arts performances and shows are at the heart of campus life and provide students with ample opportunities to build and showcase their talents. The beautiful Eccles Fine Arts Center, with its three performance venues and art gallery, is the home for many of these activities.
FOREIGN LANGUAGE PROGRAM
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Program Description
The study of foreign languages provides a means of understanding the people and cultures of the world in which we live. Students who complete two semesters (8 credits) of study in the same language can use the credits to fill the foreign language requirement for an Associate of Arts degree, and students who complete four semesters (16 credits) of the same language may qualify to receive a Bachelor of Arts degree. Some programs have specific language requirements or restrictions, so students should consult with their academic advisor.

Currently, beginning and intermediate classes are taught in American Sign Language, French, German, Japanese, and Spanish. In some of the languages, the second year and the first year classes may be taught in alternating years to ensure that students can fill graduation requirements. Spanish students can pursue a bachelor’s degree in Integrated Studies with a Spanish Emphasis, or they have the option of taking upper division courses for electives or for personal interest in grammar and composition, literature, business Spanish, conversation, and culture.

Students who have learned a second language may receive credits for their experience in two ways: by receiving vertical credits or by testing. A student who studies multiple years of a language in high school, for example, might be able to skip the 1010 course and begin with a 1020 level class. By passing the higher level class with a C grade or higher, the student can pay a fee and receive “vertical” credits for the class that was skipped. Other students who have learned a second language by living in another country might take a French, Japanese, or German 2010 or 2020 class and receive vertical credits, or a student who learned Spanish by living in another country could take Spanish 3060 and by passing with a C grade or higher receive credits for 1010, 1020, 2010, and 2020 by paying the appropriate fee.

Students can also take the BYU Foreign Language Test (FLATS) and receive up to 12 credits. Students should be aware that if they are seeking a bachelor of arts degree, they will need additional course(s) to fulfill the requirement of 16 credits.

Clubs
Cine Club en Español is an extra-curricular activity open to all levels students, faculty, staff, and friends of DSC. Watch a movie in its original language while practicing your listening skills, inform yourself about interesting topics, and have fun! Every semester we will show six films with a common topic (except for Summer when we will feature a miscellaneous selection of movies).
GENERAL STUDIES PROGRAM

The General Studies program at Dixie State College focuses on General Education and electives to help students prepare for future study in bachelor’s degrees. Students must complete the required General Education courses for an Associate of Arts or Associate of Science, and students may choose from other courses to complete at least 60 college-level credits. The Associate of Arts or Associate of Science degree usually involves the first two years of college-level study for a full-time student.

A student who receives an Associate of Arts or Associate of Science (not Associate of Applied Science) degree is considered to have fulfilled the General Education requirements at Dixie State College and other Utah System of Higher Education institutions. The Associate of Arts degree also required eight (8) credits of foreign language. For specific courses fulfilling these requirements, see the General Education section of this catalog.

Students who are interested in pursuing bachelor’s or applied associate’s degrees at Dixie State College are urged to contact the advisor for that major as soon as possible in their college studies so they can maximize elective credits in the associate’s degree by fulfilling degree requirements.

Students who have not selected a bachelor’s or applied associate degree program, or who wish to transfer after completing either their General Education courses or an Associate of Art/Science degree, are urged to contact the Academic Advisement Center for assistance in planning their college coursework.

Degrees & Certificates

- Associate of Arts
- Associate of Science

Associate of Arts  
60 credits

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-5.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)
- Other GE approved Mathematics course (3.0-5.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
• Social & Behavioral Sciences GE approved course 3.0
• Fine Arts / Communication GE approved course 3.0
• Literature / Humanities GE approved course 3.0

Complete the following:

• Credits in a single foreign language through college courses, vertical credit, or examination 8.0

Electives
Complete the following:

• Courses to bring total number of credits to not less than 60.
• Courses that will lead to further study in baccalaureate programs.

Graduation Requirements

1. Complete a minimum of 60 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.

Associate of Science 60 credits

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

• American Institutions
• English
• Mathematics

DSC General Education Requirements
Complete the following:

• ENGL 1010 Intro to Writing 3.0
• ENGL 2010 Intermediate Writing 3.0
• CIS 1200 Computer Skills 3.0
• LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-5.0

• MATH 1030 Quantitative Literacy (3.0)
MATH 1040 Intro to Statistics (3.0)
MATH 1050 College Algebra /Pre-Calculus (4.0)
Other GE approved Mathematics course (3.0-5.0)

Complete the following:

• American Institutions GE approved course 3.0
• Life Sciences GE approved course 3.0-5.0
• Physical Science GE approved course 3.0-5.0
• Social & Behavioral Sciences GE approved course 3.0
• Fine Arts / Communication GE approved course 3.0
• Literature / Humanities GE approved course 3.0

Electives
Complete the following:
• Courses to bring total number of credits to not less than 60.
• Courses that will lead to further study in baccalaureate programs.

Graduation Requirements

1. Complete a minimum of 60 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.

GRAPHIC COMMUNICATIONS PROGRAM

Dean:
Dr. Victor Hasfurther
Office: 208 Taylor Bldg.
hasfurther@dixie.edu
(435) 879-4801

Degrees & Certificates

• Associate of Applied Science in Graphic Communications
• Graphic Communications Certificate

Associate of Applied Science in Graphic Communications 63 credits

General Education Requirements
Complete the following:

• ENGL 1010 Intro to Writing 3.0
• ENGL 2010 Intermediate Writing 3.0
• CIS 1200 Computer Literacy 3.0
• LIB 1010 Information Literacy 1.0
Program Requirements

Complete the following:

- BUS 1060 Pre-Employment Seminar 1.0
- BUS 1370 Human Relations 3.0
- MATH 1010 Intermediate Algebra 4.0

Discipline Core Requirements

Complete the following:

- GCOM 1010 Intro to Graphic Comm 3.0
- GCOM 1110 Digital File Prep: InDesign 3.0
- GCOM 1120 Digital File Prep: QuarkEx 3.0
- GCOM 1220 Digital File Prep 3.0
- GCOM 1230 Digital File Output 3.0
- GCOM 1410 Offset Press 3.0
- GCOM 1510 Bindery 3.0
- GCOM 1610 Screen Printing 3.0
- GCOM 2130 Computer Ad Layout Design 3.0
- GCOM 2420 Advanced Offset Press 3.0

Electives 15.0

Complete the following:

- Art, Communication, Computer Science, Information Technology, and / or Visual Technology courses as approved by GCOM advisor to total at least 15 credits.

Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 upper-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C- or higher in each Core Discipline Requirement course.

Graphic Communications Certificate 18 credits

Core Discipline Requirements

Complete the following:

- GCOM 1010 Intro to Graphic Communications 3.0

Complete 15 credits from the following: 15.0

- GCOM 1110 Digital File Preparation: InDesign (3.0)
- GCOM 1120 Digital File Preparation: QuarkXpress (3.0)
- GCOM 1230 Digital File Output (3.0)
- GCOM 1410 Beginning Offset Press (3.0)
- GCOM 1510 Bindery (3.0)
- GCOM 1610 Screen Printing (3.0)
- GCOM 2130 Computer Ad Layout & Design (3.0)
- GCOM 2420 Advanced Offset Press (3.0)

Completion Requirements

1. Complete a minimum of 18 college-level credits (1000 and above).
2. Grade C or higher in each required GCOM course.
HEALTH OCCUPATIONS PROGRAM

Nurse Assistant Certificate
363 Taylor Health Science Bldg.
(435) 879-4830

Program Coordinator / Instructor
Lucille Wilson
Office: 363 Taylor Health Science Bldg.
Lwilson@dixie.edu
(435) 879-4830

Advisor
Alice Clegg
Office: 372 Taylor Health Science Bldg.
clegg@dixie.edu
(435) 879-4813

School of Nursing & Allied Health
Dean:  Dr. Carole Grady
Office: 308 Taylor Health Science Bldg.
grady@dixie.edu
(435) 879-4802

Administrative Assistant
Ruth Bruckert
Office: 207 Taylor Health Science Bldg.
bruckert@dixie.edu
(435) 879-4800

Program Description
The Nurse Assistant course trains students to work in long term care facilities, home health care, and hospital settings, and to continue in nursing or allied health education. The curriculum includes classroom, lab, and clinical learning experiences. Students who successfully (Grade C or higher) complete the course are eligible to take the Utah State Nurse Assistant certification exam.

Degrees & Certificates

- Nurse Assistant Certificate

Nurse Assistant Certificate
4 credits

Discipline Core Requirements
Complete the following:

- NURS 1005 Nurse Assistant 4.0
- NURS 1007 Nurse Assistant Clinical 0.0

Completion Requirements

- Grade C or higher in NURS 1005/1007 required to pass course and take state certification exam.

NOTE: State certification required to become a Certified Nursing Assistant (CNA).

Phlebotomy Certificate
303 Taylor Health Science Bldg.
(435) 879-4810

Instructor
Betty Robertson
Office: 303 Taylor Health Science Bldg.
robertson@dixie.edu
(435) 879-4810

Advisor
Alice Clegg
Office: 372 Taylor Health Science Bldg.
clegg@dixie.edu
(435) 879-4813
Program Description
The Phlebotomy course provides training for students to become proficient in drawing and obtaining blood and other samples for laboratory analysis. At the conclusion of the course, the student will be able to obtain blood from a vein or capillary using various methods.

Students must submit documentation of criminal background check, immunization status, 5-panel drug screen, and CPR certification to the advisor prior to registering for the course.

Degrees & Certificates

- Phlebotomy Certificate

Phlebotomy Certificate

4 credits

Discipline Core Requirements
Complete the following:

- PHLB 1000 Phlebotomy 4.0

Completion Requirements

- Grade C or higher in PHLB 1000 required.
HUMANITIES & SOCIAL SCIENCES DEPARTMENT
200 McDonald Bldg.
(435) 652-7815

Department Chair
Addison Everett
Office: 217 McDonald Bldg.
everet_a@dixie.edu
(435) 652-7810

Department Secretary
Janeene Cowley
Office: 200 McDonald Bldg.
cowley@dixie.edu
(435) 652-7815

Faculty

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(History)
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(435) 652-7827

Professor
Dr. Matt Smith-Lahrman
(Sociology)
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(435) 652-7825

Associate Professor
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(Humanities)
Office: 112B Browning Bldg.
burton@dixie.edu
(435) 652-7812

Associate Professor
Joe Green
(Political Science)
Office: 236 McDonald Bldg.
green@dixie.edu
(435) 652-7820

Associate Professor
Dr. Hyrum LaTurner
(Philosophy)

Associate Professor
Ed Reber
(Philosophy)
Office: 210 McDonald Bldg.
reber@dixie.edu
(435) 652-7807

School of Arts & Letters
Dean: Dr. Donald Hinton
Office: 119 Browning Building
hinton@dixie.edu
(435) 652-7651

Program Description
The Humanities & Social Sciences Department encompasses a number of academic disciplines: Anthropology, History, Honors, Humanities, Philosophy, Political Science, and Sociology. Some of the topics encompassed in this department include the following: the human condition; institutions of human society; individual relationships in and to human society; knowledge, values, and reason; ethics; the past; government; and politics.

The main focus of courses in the department is to help students fulfill General Education Social & Behavioral Sciences and Humanities / Literature requirements. However, there are also opportunities for advanced study in many of these areas.

According to Utah law, every student who wishes to graduate with a bachelor’s degree or with an associate of arts or science degree must complete an American Institutions course. Popular courses students use to fulfill that requirement are HIST 1700 American Civilization, POLS 1200 American Government, and ECON 1740 Economic History of the U.S.
INTEGRATED STUDIES DEPARTMENT

125 North Plaza Bldg.
(435) 879-4290

Department Chair
Darl Biniaz
Office: 125 North Plaza Bldg.
biniaz@dixie.edu
(435) 652-7813

Faculty

Assistant Professor
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Office: 125 North Plaza Bldg.
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(435) 652-7813

Instructor
Denise Burton
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burtond@dixie.edu
(435) 879-4291

Lecturer / Advisor
Dr. Sharon Parkinson
Office: 125 North Plaza Bldg.
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(435) 879-4291

Lecturer/ Advisor
Janet Walker
Office: 125 North Plaza Bldg.
jwalker@dixie.edu
(435) 879-4290

Advisor
Charles Cornwall
Office: 125 North Plaza Bldg.
cornwall@dixie.edu
(435) 879-4290

Division of Education
Associate Dean:
Dr. Brenda Sabey
Office: 222 EFS Bldg.
sabey@dixie.edu
(435) 652-7841

School of Arts & Letters
Dean:
Dr. Donald Hinton
Office: 119 Browning Bldg.
hinton@dixie.edu
(435) 652-7651

Program Description

The Integrated Studies program at Dixie State College of Utah is intended to provide opportunities for students to earn a bachelor's degree different from traditional, discipline-specific programs. Students select two emphasis areas from the following: Art, Biology, Business, Communication, Computer Science, Criminal Justice, English, Information Technology, Mathematics, Music, Management & Operations, Psychology, Spanish, Theatre, and Visual Technologies.

Students have the flexibility of developing a major program of study that will uniquely suit their personal and professional goals. It presents the advantages of a liberal arts degree while allowing students to combine basic knowledge and explore relationships between two academic or professional fields. This approach enables students not only to assume greater responsibility and ownership of their major areas of study but also to gain knowledge and skills tailored to a specific career or professional pursuit by expanding their training beyond a traditional, discipline-specific curriculum.

Integrative, interdisciplinary study involves bridging traditional academic boundaries to examine the relationships between various disciplines. This approach challenges students to recognize the distinct methodologies and practices unique to different fields of knowledge and to appreciate the significant ways that knowledge results from interactions among these fields. A successful Integrated Studies program will produce a student who understands that learning, itself, is interdisciplinary and integrative in nature and who can identify significant connections between disciplines and incorporate them into his or her education, work, and life.

Employers value skills such as critical thinking, written and verbal communication, and breadth of knowledge and experience. The Integrated Studies program develops these and other important skills necessary for a competitive job market and for life-long learning. Recent graduates have gone on to pursue degrees in law, psychology, school counseling, physical therapy, and medicine and to advance in their professional careers and employment.

Degrees & Certificates

- Bachelor of Arts in Integrated Studies
- Bachelor of Science in Integrated Studies
Areas of Emphasis:

- Art
- Biology
- Business
- Communication
- Computer Science
- Criminal Justice
- English
- Information Technology
- Mathematics
- Music
- Management & Operations
- Psychology
- Spanish
- Theatre
- Visual Technologies

Bachelor of Arts in Integrated Studies

The Bachelor of Science in Integrated Studies has six basic components:

1. Lower-division, General Education Requirements (31 – 36 credits).
2. A foreign language other than ASL, which may be fulfilled by college courses, vertical credit, or examination (16 credits).
3. Core Integrated Studies Requirements (12 credits).
4. Emphasis 1 Requirements (18 – 34 credits).
5. Emphasis 2 Requirements (18 – 34 credits).
6. Elective credits.

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Complete the following:

- Credits in a single foreign language (excluding ASL) through college courses, vertical credit, or examination 16.0
Core Integrated Studies Requirements
Complete the following:

- INTS 3100  Interdisciplinary Studies  3.0
- INTS 4900  Senior Interdisciplinary Research  3.0
- INTS 4910  Senior Interdisciplinary Project  3.0

Complete one of the following:

- INTS 3500  Ethics and Values  3.0
- INTS 39XX  Interdisciplinary Topics (3.0)

Emphasis Area Requirements (see specific Emphasis Area Requirements)
Complete two Emphasis Areas:

- Emphasis 1  Minimum 21 credits, 15 must be upper-division
- Emphasis 2  Minimum 21 credits, 15 must be upper-division

Graduation Requirements
1. Complete a minimum of 120 credits.
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in each Core Integrated Studies and Emphasis Area course.

Bachelor of Science in Integrated Studies  120 credits

The Bachelor of Science in Integrated Studies has five basic components:

1. Lower-division, General Education Requirements (31 – 36 credits).
2. Core Integrated Studies Requirements (12 credits).
3. Emphasis 1 Requirements (18 – 34 credits).
4. Emphasis 2 Requirements (18 – 34 credits).
5. Elective credits.

General Education
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements
Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CIS 1200  Computer Skills  3.0
- LIB 1010  Information Literacy  1.0

Complete one of the following:  3.0-4.0

- MATH 1030  Quantitative Literacy (3.0)
- MATH 1040  Intro to Statistics (3.0)
- MATH 1050  College Algebra / Pre-Calculus (4.0)
Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

**Core Integrated Studies Requirements**

Complete the following:

- INTS 3100 Interdisciplinary Studies 3.0
- INTS 4900 Senior Interdisciplinary Research 3.0
- INTS 4910 Senior Interdisciplinary Project 3.0

Complete **one** of the following:

- INTS 3500 Ethics and Values 3.0
- INTS 39XX Interdisciplinary Topics (3.0)

**Emphasis Area Requirements** *(see specific Emphasis Area Requirements)*

Complete **two** Emphasis Areas:

- Emphasis 1 Minimum 21 credits, 15 must be upper-division
- Emphasis 2 Minimum 21 credits, 15 must be upper-division

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in each Core Integrated Studies and Emphasis Area course.

### Bachelor of Science / Bachelor of Arts in Integrated Studies

**Art Emphasis**

<table>
<thead>
<tr>
<th>Emphasis Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>30 credits</strong></td>
</tr>
</tbody>
</table>

**Emphasis Requirements**

Complete **one** of the following:

- ART 1110 Drawing and Composition (3.0)
- ART 1120 2-Dimensional Design (3.0)

Complete **all** of the following:

- ART 1130 3-Dimensional Design 3.0
- ART 2710 Art History I 3.0
- ART 2720 Art History II 3.0

Complete a minimum of **18 credits** from the following

(15 credits must be upper-division):

- ARTH 3030 Medieval Art (3.0)
- ARTH 3080 Nineteenth Century Art (3.0)
- ARTH 3090 Twentieth Century Art (3.0)
- ART 1050 Introduction to Photography (3.0)
- ART 1110 Basic Drawing and Composition (3.0)
• ART 2050  Intermediate Photography (3.0)
• ART 2060  Digital Photography (3.0)
• ART 2110  Intermediate Drawing (3.0)
• ART 2190  Introduction to Sculpture (3.0)
• ART 2210  Introduction to Oil Painting (3.0)
• ART 2250  Introduction to Watercolor (3.0)
• ART 2270  Phenomenon of Color (3.0)
• ART 2410  Introduction to Life Drawing (3.0)
• ART 2420  Introduction to Portrait (3.0)
• ART 2570  Introduction to Ceramics (3.0)
• ART 3050  Advanced Photography (3.0)
• ART 3060  Digital Commercial Studio Photo (3.0)
• ART 3110  Creative Perspective Drawing (3.0)
• ART 3130  3-Dimensional Design II (3.0)
• ART 3190  Intermediate Sculpture (3.0)
• ART 3210  Head and Figure Painting (3.0)
• ART 3250  Intermediate Watercolor (3.0)
• ART 3410  Intermediate Life Drawing (3.0)
• ART 3420  Intermediate Portrait Drawing (3.0)
• ART 3430  Media Experimentation (3.0)
• ART 3570  Intermediate Ceramics (3.0)
• ART 4110  Expressive Drawing (3.0)
• ART 4190  Advanced Sculpture (3.0)
• ART 4210  Advanced Head and Figure Painting (3.0)
• ART 4220  Advanced Painting, Landscape (3.0)
• ART 4250  Advanced Watercolor (3.0)
• ART 4410  Advanced Life Drawing (3.0)
• ART 4570  Advanced Ceramics (3.0)

NOTES:
1. No ART course may be repeated to fulfill the emphasis credit requirement.
2. No ART course can fulfill a requirement in more than one category above.
3. Students select two emphases and complete Core Requirements.
4. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies
Biology Emphasis  22 credits

Emphasis Requirements
Complete the following:

• BIOL 1610/1615  Principles of Biology I / Lab  4.0/1.0

Complete a minimum of 18 credits from the following  18.0
(15 credits must be upper-division):

• BIOL 1620/1625  Principles of Biology II / Lab (4.0/1.0)
• BIOL 2030  Principles of Genetics (4.0)
• BIOL 2060/2065  Principles of Microbiology / Lab (3.0/1.0)
• BIOL 2220/2225  General Ecology / Lab (3.0/1.0)
• BIOL 2320/2325  Human Anatomy / Lab (3.0/2.0)
• BIOL 2350/2355  Fall Flora / Lab (2.0/1.0)
• BIOL 2360/2365  Spring Flora / Lab (2.0/1.0)
• BIOL 2370  Economic Botany (3.0)
• BIOL 2400/2405  Plant Kingdom / Lab (3.0/1.0)
• BIOL 2420/2425  Human Physiology / Lab (3.0/1.0)
• BIOL 3010  Biological Evolution (3.0)
• BIOL 3020/3025  Cell Biology / Lab (3.0/1.0)
• BIOL 3100  Bioethics (3.0)
• BIOL 3110  Scientific Writing (2.0)
• BIOL 3140/3145  Comp Vertebrate Anatomy / Lab (3.0/1.0)
• BIOL 3150/3155  Introduction to Biometry / Lab (2.0/1.0)
• BIOL 3200/3205  Invertebrate Zoology / Lab (3.0/1.0)
• BIOL 3250  Cancer Biology (2.0)
• BIOL 3340/3345  Plant Anatomy / Lab (3.0/1.0)
• BIOL 3355  Developmental Biology Lab (1.0)
• BIOL 3360  Developmental Biology (3.0)
• BIOL 3365  Developmental Biology Lab (1.0)
• BIOL 3450/3455  General Microbiology / Lab (3.0/1.0)
• BIOL 3460  Biology of Infectious Disease (3.0)
• BIOL 3470  Introduction to Immunology (3.0)
• BIOL 3480  Marine Biology (3.0)
• BIOL 3490  Marine Biology (3.0)
• BIOL 3500  Molecular Biology (2.0)
• BIOL 3510  Molecular Biology Techniques (2.0)
• BIOL 3520  Molecular Biology Lab (1.0)
• BIOL 3530  Animal Behavior / Lab (3.0/1.0)
• BIOL 3540/3545  Ornithology / Lab (2.0/1.0)
• BIOL 3550  Pathophysiology (3.0)
• BIOL 3560/3565  Mammalogy / Lab (3.0/1.0)
• BIOL 3570/3575  General Entomology / Lab (3.0/1.0)
• BIOL 3580/3585  Plant Ecology / Lab (2.0/1.0)
• BIOL 3590/3595  Comp Vertebrate Physiology / Lab (3.0/1.0)
• BIOL 3600/3605  Plant Physiology / Lab (3.0/1.0)

NOTES:
1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies

Business Emphasis

Emphasis Requirements

Complete one of the following: 3.0

- ECON 1010  Economics of Social Issues (3.0)
- ECON 2010  Micro Economics (3.0)
- ACCT 2010  Financial Accounting (3.0)
- ACCT 2020  Managerial Accounting (3.0)
- FIN 3150  Managerial Finance I (3.0)
- MGMT 2050  Business Law (3.0)
- MGMT 3400  Management and Organizations (3.0)
- MGMT 4300  Human Resource Management (3.0)
- MGMT 4400  International Business (3.0)
- MKTG 3010  Marketing Principles (3.0)
- STAT 2040  Business Statistics (4.0)

NOTES:
1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.
Bachelor of Science / Bachelor of Arts in Integrated Studies

Criminal Justice Emphasis

<table>
<thead>
<tr>
<th>courses</th>
<th>credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 1010 Intro to Criminal Justice</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Complete the following:

- CJ 1330 Criminal Law (3.0)
- CJ 1340 Criminal Investigation (3.0)
- CJ 1390 Police Field Operations (3.0)
- CJ 2310 Computerized Legal Research (3.0)
- CJ 2330 Juvenile Justice (3.0)
- CJ 2350 Laws of Evidence (3.0)
- CJ 2360 Juvenile Law and Procedure (3.0)
- CJ 3020 Cyber Law (3.0)
- CJ 3100 Criminal Profiling (3.0)
- CJ 3320 Criminal Procedure (3.0)
- CJ 3400 Drugs and Crime (3.0)
- CJ 3800 Computer Forensics & Cyber Crime (3.0)
- CJ 3820 Crime Scene Investigation Tech (3.0)
- CJ 4200 Ethical Issues in Criminal Justice (3.0)

NOTES:

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies

Communication Emphasis

<table>
<thead>
<tr>
<th>courses</th>
<th>credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1050 Intro to Communication Theory</td>
<td>3.0</td>
</tr>
<tr>
<td>COMM 2110 Interpersonal Communication</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Complete one (1) of the following tracks:

1. Human Communication
2. Mass Communication
3. Film Production

Human Communication Track

Complete the following:

- COMM 1060 Introduction to Rhetorical Theory (3.0)
- COMM 1270 Argumentation & Critical Thinking (3.0)
- COMM 2120 Small Group Communication (3.0)
- COMM 3010 Nonverbal Communication (3.0)
- COMM 3060 Communication Theory (3.0)
- COMM 3120 Family Communication (3.0)
- COMM 3150 Lying & Deception (3.0)
- COMM 3190 Intercultural Communication (3.0)
- COMM 3330 Negotiations & Bargaining (3.0)
- COMM 3350 Interviewing (3.0)
- COMM 3400 Gender Communication (3.0)
- COMM 3460 Content and Rhetorical Analysis (3.0)
- COMM 3550 Theoretical Perspectives in Org Comm (3.0)
- COMM 3850 Organizational Communication (3.0)
- COMM 4010 Persuasion (3.0)
- COMM 4050 Leadership & High Performance Teams (3.0)
- COMM 4450 Communication Research (3.0)
- COMM 4490 Communication and Contemporary Public Issues (3.0)
- COMM 4500 Human Communication & Conflict (3.0)

**NOTES:**

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

**Mass Communication Track**

Complete the following:

- COMM 1050 Intro to Communication Theory 3.0

Complete one of the following: 3.0

- COMM 1500 Intro to Mediated Communication (3.0)
- COMM 2010 Media & Society (3.0)

Complete a minimum of **18 credits** from the following 18.0

(15 credits must be upper-division):

- COMM 1130 Writing for Media Audiences (3.0)
- COMM 1270 Argumentation & Critical Thinking (3.0)
- COMM 1380/1385 Intro to Television Production / Lab (2.0/1.0)
- COMM 1560 Audio for Converged Media (3.0)
- COMM 1610 News Writing and Reporting (3.0)
- COMM 2110 Interpersonal Communication (3.0)
- COMM 2460 Intro to New Media Production (3.0)
- COMM 2500 Being Digital: Trends & Issues (3.0)
- COMM 3060 Communication Theory (3.0)
- COMM 3170 Advanced Critical Thinking (3.0)
- COMM 3350 Interviewing (3.0)
- COMM 3460 Content and Rhetorical Analysis (3.0)
- COMM 3480 New Social Media (3.0)
- COMM 3560 Visual Communication (3.0)
- COMM 3580 Public Relations (3.0)
- COMM 3600 Convergence Journalism (3.0)
- COMM 3610 News and Copy Editing (3.0)
- COMM 3700/3705 Television News Process / Lab (2.0/1.0)
- COMM 3830 Editorial & Opinion Writing (3.0)
- COMM 4260 Media Law (3.0)
- COMM 4330 New Media Applications (3.0)
- COMM 4380/4305 Advanced TV Production / Lab (2.0/1.0)
- COMM 4450 Communication Research (3.0)
- COMM 4490 Comm and Contemporary Public Issues (3.0)
- COMM 4580 Public Relations Case Studies (3.0)
- COMM 4640 Feature Writing (3.0)
- COMM 4680 Advanced Reporting (3.0)
NOTES:

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

Film Production Track
Complete the following:

- COMM 1050 Intro to Communication Theory 3.0

Complete one of the following: 3.0

- COMM 1500 Intro to Mediated Communication (3.0)
- COMM 2010 Media & Society (3.0)

Complete a minimum of 18 credits from the following 18.0

(15 credits must be upper-division):

- COMM 1270 Argumentation & Critical Thinking (3.0)
- COMM 1560 Audio for Converged Media (3.0)
- COMM 2110 Interpersonal Communication (3.0)
- COMM 2500 Being Digital: Trends & Issues (3.0)
- COMM 2600 Screenwriting (3.0)
- COMM 2630 Storyboarding (3.0)
- COMM 2660 Intro to Digital Motion Picture Prod (3.0)
- COMM 3060 Communication Theory (3.0)
- COMM 3560 Visual Communication (3.0)
- COMM 3640 Digital Motion Picture Pre-Production (2.0/1.0)
- COMM 3660/65 Digital Motion Picture Production / Lab (2.0/1.0)
- COMM 3680/85 Digital Motion Picture Post-Prod / Lab (2.0/1.0)
- COMM 3790 Advanced Audio for Converged Media (3.0)
- COMM 4010 Persuasion (3.0)
- COMM 4100/05 Documentary Production / Lab (2.0/1.0)
- COMM 4260 Media Law (3.0)
- COMM 4450 Communication Research (3.0)
- COMM 4490 Communication and Contemporary Issues (3.0)
- COMM 4700/05 Advanced Digital Motion Picture Prod / Lab (2.0/1.0)
- COMM 4790 Audio Prod for Digital Motion Pictures (3.0)
- COMM 4800/85 Adv Digital Motion Picture Post-Prod / Lab (2.0/1.0)

NOTES:

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies

Computer Science Emphasis 27 credits

Emphasis Requirements
Complete the following:

- CS 1400 Fundamentals of Programming 3.0
- CS 1410 Object-Oriented Programming 3.0
- CS 2420 Intro to Algorithms & Data Structures 3.0
- CS 2810 Computer Organization & Architecture 3.0

Complete 15 credits from the following: 15.0

- CS 3000 Internet Publishing and Design (3.0)
• CS 3310 Discrete Math (3.0)
• CS 3100 Interactive Media (3.0)
• CS 3400 Operating Systems (3.0)
• CS 3410 Distributed Systems (3.0)
• CS 3500 Application Development (3.0)
• CS 3510 Adv Algorithms & Data Structures (3.0)
• CS 3520 Programming Languages (3.0)
• CS 3530 Computational Theory (3.0)
• CS 3600 Graphics Programming (3.0)
• CS 4000 Dynamic Web Development (3.0)
• CS 4010 Interactive Web Development (3.0)
• CS 4300 Artificial Intelligence (3.0)
• CS 4550 Compilers (3.0)

NOTES:
1. Students may only apply one (1) Computer & Information Technology Emphasis to an Integrated Studies degree (Computer Science, Information Technology, OR Visual Technologies).
2. Students select two emphases and complete Core Requirements.
3. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies

English Emphasis 21 credits

Emphasis Requirements
Complete the following:

• ENGL 2600 Critical Introduction to Literature 3.0

Complete a minimum of 18 credits from the following (15 credits must be upper-division):

• ENGL 2100 Technical Writing (3.0)
• ENGL 2130 Introduction to Sci-Fi/Futurism (3.0)
• ENGL 2140* Creative Writing (3.0)
• ENGL 2200 Intro to Literature (3.0)
• ENGL 2230 Intro to Mythology (3.0)
• ENGL 2250 Intro to World Literature I (3.0)
• ENGL 2270 Intro to World Literature II (3.0)
• ENGL 2330 Children’s Literature (3.0)
• ENGL 2410 Intro to American Literature I (3.0)
• ENGL 2420 Intro to American Literature II (3.0)
• ENGL 2500 Intro to British Literature I (3.0)
• ENGL 2510 Intro to British Literature II (3.0)
• ENGL 3030 Advanced College Writing (3.0)
• ENGL 3120 Document Design (3.0)
• ENGL 3130 Grant and Proposal Writing (3.0)
• ENGL 3180 Writing for Interactive Media (3.0)
• ENGL 320x Genre Studies (3.0)
• ENGL 321x Period / Topic Studies (3.0)
• ENGL 3220 Multi-Ethnic American Literature (3.0)
• ENGL 3230 Literature and Culture (3.0)
• ENGL 326x Major American Authors (3.0)
• ENGL 327x Major British Authors (3.0)
• ENGL 328x Major World Authors (3.0)
• ENGL 3340 Rhetoric of Science (3.0)
• ENGL 3341 Writing, Rhetoric, & Pedagogy (3.0)
• ENGL 3350 Writing in Professional Contexts (3.0)
• ENGL 3360 Writing for Magazines & Journals (3.0)
• ENGL 3400  World Literature (3.0)
• ENGL 3510  Shakespeare (3.0)
• ENGL 3520  Young Adult Literature (3.0)
• ENGL 3600  Literary Theory (3.0)
• ENGL 3720  Editing (3.0)
• ENGL 3810  History/Structure of English Language (3.0)

NOTES:

1. *Not repeatable for credit to fulfill Emphasis Area requirements.
2. Students select two emphases and complete Core Requirements.
3. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies

Information Technology Emphasis  27 credits

Emphasis Requirements

Complete the following:

• CS 1400  Fundamentals of Programming  3.0
• CS 1410  Object-Oriented Programming  3.0
• IT 1100  Introduction to Operating Systems  3.0
• IT 2400  Introduction to Networking  3.0

Complete a minimum of 15 credits from the following:

• IT 3100  Systems Design & Administration I (3.0)
• IT 3110  Systems Design & Administration II (3.0)
• IT 3200  Perl Programming (3.0)
• IT 3500  Electronic Commerce (3.0)
• IT 3550  Internet & E-Commerce Marketing (3.0)
• IT 4200  Advanced Web Delivery (3.0)
• IT 4300  Database Design & Management (3.0)
• IT 4400  Network Design & Management (3.0)
• IT 4500  Information Security (3.0)

NOTES:

1. Students may only apply one (1) Computer & Information Technology Emphasis to an Integrated Studies degree (Computer Science, Information Technology, OR Visual Technologies).
2. Students select two emphases and complete Core Requirements.
3. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies

Mathematical Sciences Emphasis  34 credits

Emphasis Requirements

Complete the following through coursework or credit by examination:

• MATH 1050  College Algebra / Pre-Calculus  4.0
• MATH 1060*  Trigonometry  3.0
• MATH 1210  Calculus I  5.0
• MATH 1220  Calculus II  4.0
• MATH 2200  Discrete Mathematics  3.0

*NOTE: The following course may substitute for MATH 1050 and MATH 1060:
- MATH 1065 Pre-Calculus with Trigonometry (5.0)

Complete **15 credits** from the following courses:  

- MATH 3000 History of Mathematics (3.0)
- MATH 3100 Euclidean / Non-Euclidean Geometry (3.0)
- MATH 3200 Introduction to Analysis I (3.0)
- MATH 3210 Introduction to Analysis II (3.0)
- MATH 3400 Probability and Statistics (3.0)
- MATH 3500 Numerical Analysis (3.0)
- MATH 3900 Number Theory (3.0)
- MATH 4000 Foundations of Algebra (3.0)
- MATH 4010 Abstract Algebra (3.0)
- MATH 4100 Introduction to Topology (3.0)
- MATH 4200 Introduction to Complex Analysis (3.0)

**NOTES:**

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

### Bachelor of Science / Bachelor of Arts in Integrated Studies

**Music Emphasis**  
33 credits

**Emphasis Requirements**

Complete all of the following:

- MUSC 1110 Music Theory I  3.0
- MUSC 1120 Music Theory II  3.0
- MUSC 1130 Ear Training / Sight Singing I  1.0
- MUSC 1140 Ear Training / Sight Singing II  1.0
- MUSC 2350 Fundamentals of Conducting  2.0
- MUSC 3630 Music History & Literature I  3.0
- MUSC 3640 Music History & Literature II  3.0

Complete a minimum of **13 credits** from the following (9 credits must be upper-division):

- MUSC 2110 Music Theory III (3.0)
- MUSC 2120 Music Theory IV (3.0)
- MUSC 2130 Ear Training / Sight Singing III (1.0)
- MUSC 2140 Ear Training / Sight Singing IV (1.0)
- MUSC 3221 Choral Literature (2.0)
- MUSC 3222 Choral Conducting (2.0)
- MUSC 3380 Instrumental Conducting (2.0)
- MUSC 3400 Music Composition (2.0)
- MUSC 4862 Vocal Literature (2.0)
- MUSC 4865 Piano Literature I (2.0)
- MUSC 4866 Piano Literature II (2.0)

Complete a minimum of **2 credits** of private lessons  
from the following:

- MUSC 1810-21 Private Music Lesson / Majors I (1.0)
- MUSC 2810-21 Private Music Lesson / Majors II (1.0)
- MUSC 3810-21 Private Music Lesson / Majors III (1.0)
- MUSC 4810-21 Private Music Lesson / Majors IV (1.0)
Complete a minimum of 2 credits of ensemble courses: 2.0

- MUSC 2710 Theatre Orchestra (1.0)
- MUSC 3250 Concert Choir (1.0)
- MUSC 3260 Men’s Chorus (1.0)
- MUSC 3270 Chamber Singers (1.0)
- MUSC 3280 Women’s Chorus (1.0)
- MUSC 3290 The Vocal Jazz Project (1.0)
- MUSC 3310 Symphony Band (1.0)
- MUSC 3330 Jazz Ensemble (1.0)
- MUSC 3340 Southwest Symphony Orchestra (1.0)
- MUSC 3350 Symphony Orchestra (1.0)
- MUSC 3240 Southern Utah Heritage Choir (1.0)
- MUSC 3230 Southwest Chorale (1.0)
- MUSC 4430 String Chamber Music (1.0)
- MUSC 4431 Woodwind Chamber Music (1.0)
- MUSC 4432 Brass Chamber Music (1.0)
- MUSC 4485 Percussion Ensemble (1.0)

NOTES:

1. A private lesson class may be repeated up to 2 credits for this requirement.
2. An ensemble class may be repeated up to 2 credits for this requirement.
3. Students select two emphases and complete Core Requirements.
4. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies
Management & Operations Emphasis 24 credits

Emphasis Requirements
Complete the following:

- ACCT 3000 Accounting for Management 3.0
- CIS 2010 Business Computer Proficiency 3.0
- ECON 1010 Economics of Social Issues 3.0
- MGMT 3600 Production and Operations 3.0
- MGMT 4000 Purchasing/Supply 3.0
- MGMT 4300 Human Resources 3.0
- OPER 3030 Management Law 3.0
- STAT 2040 Business Statistics 3.0

NOTES:

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies
Psychology Emphasis 21 credits

Emphasis Requirements
Complete the following:

- PSY 1010 General Psychology 3.0

Complete a minimum of 18 credits from the following (15 credits must be upper-division): 18.0
• PSY 1100/FCS 1500 Human Development / Lifespan (3.0)
• PSY 2000 Writing in Psychology: APA Style (3.0)
• PSY 2800 Human Sexuality (3.0)
• PSY 3000 Statistical Methods in Psychology (4.0)
• PSY 3010 Research Methods in Psychology (4.0)
• PSY 3120 Cognitive Psychology(3.0)
• PSY 3200 Develop. in Infancy & Childhood (3.0)
• PSY 3220 Psychology of Adolescence/Emerging Adult (3.0)
• PSY 3230 Adult Development & Aging (3.0)
• PSY 3400 Psychology of Abnormal Behavior (3.0)
• PSY 3410 Social Psychology (3.0)
• PSY 3440 Child & Family Mental Health (3.0)
• PSY 3460 Health Psychology (3.0)
• PSY 3700 Personality Theory (3.0)
• PSY 3710 Behavioral Neuroscience (3.0)
• PSY 4000 History of Psychology (3.0)
• PSY 4130 Interpersonal Neuroscience (3.0)
• PSY 4140 Cognitive Neuroscience (3.0)
• PSY 4150 Sensation & Perception (3.0)
• PSY 4200 Psychology of Morality (3.0)
• PSY 4300 Intro to Counseling / Psychotherapy (3.0)
• PSY 4440 Addiction (3.0)

NOTES:
1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.

Bachelor of Science / Bachelor of Arts in Integrated Studies
Spanish Emphasis

Complete the following:

• SPAN 3060 Adv Grammar, Culture, Comp I 3.0

Complete a minimum of 15 credits from the following: 15.0

• SPAN 3020 Conversation / Reading in Spanish (3.0)
• SPAN 3070 Adv Grammar, Culture, Comp II (3.0)
• SPAN 3200 Business Spanish (3.0)
• SPAN 3390 Intro to Spanish Literature (3.0)
• SPAN 3580 Contemporary Issues (3.0)
• SPAN 4550 Iberian Culture and Civilization (3.0)
• SPAN 4610 Peninsular Literature I (3.0)
• SPAN 4620 Peninsular Literature II (3.0)
• SPAN 4630 Survey of Latin American Lit I (3.0)
• SPAN 4640 Survey of Latin American Lit II (3.0)

NOTES:
1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.
Bachelor of Science / Bachelor of Arts in Integrated Studies
Theatre Emphasis  27 credits

Emphasis Requirements
Complete all of the following:

- THEA 1033  Acting I  3.0
- THEA 1713  Script Analysis  3.0
- THEA 3720  Theatre History & Lit I  3.0
- THEA 3730  Theatre History & Lit II  3.0

Complete one of the following clusters:

**Acting**
Complete both of the following:

- THEA 2033  Acting II  3.0
- THEA 2053  Classical Acting  3.0

Complete three of the following:  9.0

- THEA 3033  Acting Studio: Musical Theatre  (3.0)
- THEA 3043  Acting Studio: Acting for Camera  (3.0)
- THEA 3113  Accents and Dialects  (3.0)
- THEA 4033  Acting Studio: Mask  (3.0)
- THEA 4043  Acting Studio: Stage Combat  (3.0)

**Directing**
Complete two of the following:  6.0

- THEA 1513  Stage Craft  (3.0)
- THEA 1550  Costume Design I  (3.0)
- THEA 2210  Scene Design I  (3.0)
- THEA 2230  Light Design I  (3.0)

Complete all of the following courses:

- THEA 3600  Directing I  3.0
- THEA 3610  Directing II  3.0
- THEA 3880  Stage Management  3.0

**Design/Tech**
Complete two of the following:  6.0

- THEA 1513  Stage Craft  (3.0)
- THEA 1550  Costume Design I  (3.0)
- THEA 2210  Scene Design I  (3.0)

Complete three of the following:  9.0

- THEA 3250  Sound Design  (3.0)
- THEA 3260  Scene Painting  (3.0)
- THEA 3500  Sound Engineering  (3.0)
- THEA 4390  Costume History  (3.0)
- THEA 4410  Scene Design II  (3.0)
### Visual Technologies Emphasis

**Bachelor of Science / Bachelor of Arts in Integrated Studies**

**Emphasis Requirements**

Complete the following:

- VT 1300 Communication Design 3.0
- VT 2500 Computer Illustration 3.0
- VT 2600 Creative Imaging 3.0

Complete a minimum of 18 credits from the following (15 credits must be upper-division)

- CS 1400 Fundamentals of Programming (3.0)
- VT 1400 Intro to Internet Development (3.0)
- VT 2700 Typography (3.0)
- VT 3000 Internet Publishing and Design (3.0)
- VT 3100 Interactive Media (3.0)
- VT 3200 Portfolio Preparation (3.0)
- VT 3300 Intro to Digital Video Editing (3.0)
- VT 3600 3-D Visualization (3.0)
- VT 3650 3-D Animation (3.0)
- VT 3700 Business for Graphic Designers (3.0)
- VT 3710 Advanced Typography (3.0)
- VT 3750 Graphic Design History (3.0)
- VT 3780 Prepress and Print Production (3.0)
- VT 3800 Corporate Identity (3.0)
- VT 4000 Dynamic Web Development (3.0)
- VT 4010 Interactive Web Development (3.0)
- VT 4100 Adv Multimedia/Internet Integration (3.0)
- VT 4700 Publication Design (3.0)
- VT 4750 Package Design (3.0)

**NOTES:**

1. Students select two emphases and complete Core Requirements.
2. Grade C or higher in each Emphasis Area course required.
## MATHEMATICS DEPARTMENT

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### School of Science & Technology

**Dean:** Dr. Victor Hasfurther  
Office: 208 Taylor Bldg.  
hasfurther@dixie.edu  
(435) 879-4801

**Program Description**
The Dixie State College Mathematics Department helps students to achieve their academic, career, and life goals, including those related to basic computational skills, mathematical processes, and knowledge that develops real-life applications, modeling, and problem solving. The Department's comprehensive and integrated offerings help students master mathematical competencies for future career and educational endeavors.

As part of an open-door admissions institution, the Department offers a broad spectrum of Mathematics classes that are useful for skill levels from developmental to selected four-year degree requirements. The Mathematics faculty is dedicated to providing opportunities that promote student success.

Students can select Mathematics as an emphasis in the Integrated Studies Bachelor of Art or Bachelor of Science programs. The DSC Mathematics Department also offers all coursework necessary to obtain a Utah Secondary Education Math Endorsement. The Utah State Office of Education Educator Quality & Licensing information for Secondary Mathematics Endorsements can be found here: http://www.schools.utah.gov/cert/Endorsements/endmath.htm.

### Degrees & Certificates

- Secondary Education Mathematics Endorsement courses
## Suggested Courses Leading to Utah Mathematics Endorsements

### Level II

- MATH 1040  Introduction to Statistics  3.0
- MATH 1050  College Algebra / Pre-Calculus  4.0
- MATH 1060  Trigonometry  3.0
- MATH 1210  Calculus I  5.0
- MATH 2010  Math Elementary Teaching I  3.0
- MATH 2020  Math Elementary Teaching II  3.0
- MATH 4500  Methods of Teaching Secondary Mathematics  3.0

### Level III

- MATH 1050  College Algebra / Pre-Calculus  4.0
- MATH 1060  Trigonometry  3.0
- MATH 1210  Calculus I  5.0
- MATH 1220  Calculus II  4.0
- MATH 2270  Linear Algebra  3.0
- MATH 3100  Euclidean/Non-Euclidean Geometry  3.0
- MATH 3400  Probability & Statistics  3.0
- MATH 4000  Foundations of Algebra  3.0
- MATH 4500  Methods of Teaching Secondary Mathematics  3.0

### Level IV

- MATH 1050  College Algebra / Pre-Calculus  4.0
- MATH 1060  Trigonometry  3.0
- MATH 1210  Calculus I  5.0
- MATH 1220  Calculus II  4.0
- MATH 2210  Multivariable Calculus  3.0
- MATH 2270  Linear Algebra  3.0
- MATH 2280  Ordinary Differential Equations  3.0
- MATH 3000  History of Math  3.0
- MATH 3100  Euclidean/Non-Euclidean Geometry  3.0
- MATH 3200  Introduction to Analysis II  3.0
- MATH 3400  Probability & Statistics  3.0
- MATH 4000  Foundations of Algebra  3.0
- MATH 4500  Methods of Teaching Secondary Mathematics  3.0
MEDICAL RADIOGRAPHY PROGRAM
206 Taylor Health Science Bldg.
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(435) 879-4809

School of Nursing & Allied Health
Dean:
Dr. Carole Grady
Office: 308 Taylor Health Science Bldg.
grady@dixie.edu
(435) 879-4802

Program Description
Medical radiographers or radiologic technologists are allied health professionals who use their patient care and technical skills to perform diagnostic procedures using ionizing radiation. Procedures include exams of the central nervous, gastrointestinal, skeletal, respiratory, and urinary systems and may be performed in the radiology department, emergency room, or the surgical suite.

Professional competence requires radiographers to apply their knowledge in anatomy, pathology, patient positioning, radiation protection, image production, and evaluation. Employment opportunities include hospitals, clinics, physicians’ offices, outpatient imaging centers, government agencies, and industry. In addition, registered radiographers may pursue additional education in advanced modalities such as sonography, nuclear medicine, interventional radiography, radiologist assistant, radiation therapy, CT, MRI, and mammography.

It is the program’s philosophy that to develop professional, competent and compassionate medical radiographers requires a quality education founded on a well-rounded curriculum, including technical skills, critical thinking, and ethical and responsible behavior. Students in the program will:

1. Develop competence in clinical performance
2. Acquire critical thinking and problem-solving skills
3. Determine the importance of professional and ethical conduct
4. Develop effective communication skills

This is a two-year, full-time program that prepares students to enter the health care profession as a competent entry-level radiographer. Professional competence is achieved through a blend of theoretical and practical coursework which includes didactic and clinical experience at cooperating hospitals, clinics, and doctors’ offices. It consists of six semesters of academic studies with coordinated practice in area imaging departments. Clinical rotation shifts vary anywhere from 6:00 AM - 2:30 PM to 11 AM - 7:30 PM. Saturday rotations will be required in the fourth, fifth and sixth semesters.

Facilities
The Medical Radiography Program is located in the Russell Taylor Health Science Center and has 6,000 square feet of dedicated classroom and lab space. This consists of two state-of-the-art classrooms, darkroom, and energized labs. The lab equipment is cutting-edge technology, including two stationary GE Proteus units, a mobile x-ray unit, Konica CR reader, and PACS. This equipment is, in most cases, exactly like the equipment the radiography students will be using at the clinical sites, which makes transferring of learning easier.

Licensure
Upon completion of the program, the student will be awarded an Associate of Science Degree in Medical Radiography. The graduate will be eligible to apply to sit for the American Registry of Radiologic Technologists. After passing the national examination, individuals may apply for licensure for the State of Utah through the Division of Occupational and Professional Licensing.
Accreditation
The DSC Medical Radiography Program is accredited through the Joint Review Committee on Education in Radiologic Technology (JRCERT), the national accrediting agency for radiography programs which assures that programs follow standards to maintain academic excellence. JRCERT may be contacted at:

Joint Review Committee on Education in Radiologic Technology
20 N. Wacker Dr. Suite 2850
Chicago IL 60606-3182
(312) 704-5300

Admissions/Application for Medical Radiography Program

Admissions to the program are competitive and based on a point system. Applicants will be evaluated on their overall GPA, academic achievement, grades in the required prerequisites for the program, the PSB Health Occupations Aptitude Exam, work experience or volunteer hours in a healthcare environment, personal references/recommendations, and observation time spent in an imaging department. Applicants must be previously admitted as students to Dixie State College. The deadline for applications is March 1, 2011, 2:00 p.m. Only complete applications will be reviewed and considered for admission. Applications and further information is available at http://www.dixie.edu/health/radiography/admissions.php.

After admission to Dixie State College, applicants must submit current official transcripts to the Medical Radiography Program. There is a seven year limit on all science courses, including anatomy, physiology, and the associated labs.

A crucial element for student success in a rigorous Medical Radiography program is the capability of academic achievement. A student’s history of academic performance is indicative of future academic achievement. Applicants will be evaluated based on their overall college GPA. The eligibility requirement for admission into the Dixie State College of Utah Radiologic Technology Program is a cumulative GPA of 2.7 for all Medical Radiography prerequisite courses.

Prerequisite and support courses for the program provide students with a solid foundation of knowledge and are essential for success in the program. Before making application, all required prerequisite courses must be completed with at least a “C” grade (2.0 GPA). For courses not completed, applicant may submit a current semester outline showing anticipated completion. Students accepted into the program must receive a final grade for these classes consistent with admission criteria before the start of the program.

Prerequisite Courses (required for admission):

- ENGL 1010 Intro to Writing (3.0)
- ENGL 2010 Intermediate Writing (3.0)
- MATH 1050 College Algebra/Pre-Calculus (4.0)
- PSY 1010 General Psychology (3.0)
- BIOL 2320/2325 Human Anatomy / Lab (3.0/2.0)
- BIOL 2420/2425 Human Physiology / Lab (3.0/1.0)

One of the following:

- COMM 1020 Public Speaking (3.0)
- COMM 2110 Interpersonal Communication (3.0)

Degrees & Certificates

- Associate of Applied Science in Medical Radiography
The Associate of Applied Science in Medical Radiography degree has three basic components:

1. Lower-division, General Education Requirements (16 credits).
2. Program Requirements (9 credits).
3. Discipline Core Requirements (65 credits).

### General Education Requirements
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- MATH 1050 College Algebra/Pre-Calculus 4.0
- PSY 1010 General Psychology 3.0

Complete one of the following: 3.0

- COMM 1020 Public Speaking (3.0)
- COMM 2110 Interpersonal Communication (3.0)

### Program Prerequisites
Complete the following:

- BIOL 2320/2325 Human Anatomy / Lab 3.0/2.0
- BIOL 2420/2425 Human Physiology / Lab 3.0/1.0

### Core Discipline Requirements
Complete the following:

#### Semester I

- RADT 1015 Intro to Radiography 4.0
- RADT 1020/1025 Radiographic Procedures I / Lab 4.0
- RADT 1030/1035 Radiographic Imaging I / Lab 3.0
- RADT 1040 Clinical Education I 4.0

#### Semester II (Summer)

- RADT 1120/1125 Radiographic Procedures II / Lab 3.0
- RADT 1140 Clinical Education II 3.0

#### Semester III

- RADT 1220/1225 Radiographic Procedures III / Lab 3.0
- RADT 1230 Radiographic Imaging II 2.0
- RADT 1240 Clinical Education III 7.0
- RADT 1250 Advanced Patient Care 2.0

#### Semester IV

- RADT 2020 Advanced Medical Imaging 3.0
- RADT 2030 Radiographic Physics 3.0
- RADT 2040 Clinical Education IV 7.0
- RADT 2150 Radiobiology & Protection 2.0
Semester V (Summer)

- RADT 2140  Clinical Education V  5.0

Semester VI

- RADT 2240  Clinical Education VI  7.0
- RADT 2260  Radiography Seminar  3.0

Graduation Requirements

1. Complete a minimum of 90 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in each Program Prerequisite and Discipline Core Requirements course.

2010 – 2011 CATALOG – DIXIE STATE COLLEGE OF UTAH
MUSIC DEPARTMENT
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School of Arts and Letters

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Program Description
Welcome to Music at Dixie State College. There is a place for you in the Dixie State College Music Department. The Music options at DSC are varied, ranging from participation in a large ensemble to majoring in Music and pursuing a bachelor’s degree.

The Music Department is committed to preparing students with the necessary tools to function as a musician in the performance hall, in the classroom, or for their own enjoyment. The mission of the Dixie State College Music Department is to prepare students for professional careers in music; to provide a high quality educational experience for all students; to serve as an educational and cultural resource for Dixie State College, the local community, and the region; and to develop character, dedication and excellence, and encourage lifelong learning.

Students may elect to pursue either of two degree offerings: Bachelor of Science in Music (BS) or Bachelor of Arts in Music (BA). The BA requires 16 credits of a foreign language. Both require a minimum of 120 credits.

The Music baccalaureate degree will provide a core of music courses giving students a fundamental background in theory, ear training, history, conducting, private applied lessons, piano proficiency, and large ensembles. The degrees are designed to fit within the context of a liberal arts curriculum.

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The degree is designed to prepare students in foundational areas such as theory, history, performance, keyboard, and pedagogy to facilitate establishing careers in the work force or continuing their studies in graduate programs. Additional elective credits beyond the core and liberal arts courses offered combine to offer a meaningful preparation for career pursuits.

A Music Theory Placement Exam is administered during the first week of classes of the Fall Semester of MUSC 1110 Music Theory I. Students who do not pass the Placement Exam must enroll in MUSC 1100 Fundamentals of Music in addition to MUSC 1110. In some cases, students may be counseled to only enroll in MUSC 1100 Fundamentals of Music to strengthen their music knowledge foundation. Based on the exam, students may also be placed in MUSC 2110 Music Theory II. The same placement guidelines apply to Ear Training/Sight Singing courses.

Music Majors are required to take private applied lessons for each semester. A minimum of eight credits is required to earn the degree. Music majors are also required to participate in a large ensemble each semester while at DSC. For instrumentalists, options are MUSC 3310 Symphony Band and MUSC 3350 Symphony Orchestra. For vocalists the option is MUSC 3250 Concert Choir. Pianists may use any of the above options or may enroll in MUSC 4433 Keyboard Ensemble & Accompanying. Guitarist may enroll in MUSC 3370 Guitar Ensemble.

Students are limited to three ensembles per semester. Participating in more than three ensembles is counterproductive. Exceptions to this policy must be approved by the department chair. All students receiving a scholarship from the Music Department are required to enroll in an approved ensemble (as assigned).

Each student majoring in Music is required to perform a jury before a panel of faculty every semester. Juries are scheduled during the final exam period. Students should plan well in advance of that week to avoid any conflicts.

Music majors are required to perform at least once per semester in a department recital or a department sponsored performance. Department recitals are schedule on Friday afternoons at 1p.m. beginning September 19. Best dress is required. Submit an application to perform at a department recital by Wednesday of each week. Time slots will be filled on a first come, first served basis.

A grade of C or better is required for all core music courses. Grades of C- (minus) or below in courses for the bachelors degree programs will not satisfy this requirement.

Facilities
The Music Department is housed primarily in the Eccles Fine Arts Center. Honored by the Intermountain Contractor's Association as 2004's “Best Architectural Design,” “Best Higher Education Design,” and also the “Best Public Project Design Silver Award,” Dixie College's Dolores Dore Eccles Fine Arts Center represents the pinnacle of Arts Facility design and construction, beautifully blending the Sears Art Gallery, three performance venues, and all of the support facilities needed for active Music, Dance and Theatre departments. Music performance spaces include a 300 seat recital hall and a 500 seat main stage. The Music Department also utilizes the Cox Performing Arts Center with a 1,200 seat auditorium, additional practice rooms, 2-station piano lab, and rehearsal room.

Accreditation
The DSC Music Department is in the process of applying for membership in the National Association of Schools of Music (NASM). Learning and skill outcomes for the program have been designed to align with the NASM guidelines. Students entering this degree are expected to develop the knowledge, skills, concepts, and sensitivities essential to the professional life of the musician, including technical competence, broad knowledge of music and music literature, the ability to integrate musical knowledge and skills, sensitivity to musical styles, and an insight into the role of music in intellectual and cultural life.

Scholarships
The Music Department has access to state-provided funds and privately funded scholarships. The amount tends to vary each year. Receiving a music scholarship is contingent on performing in department ensembles as outlined in the scholarship award letter.

Students must fill out the Talent Scholarship application form every year to be considered. The form is filled out online at: http://new.dixie.edu/financial/scholarships/talent_application.php. Audition dates change each year.

Students who receive music scholarship awards must accept the award by returning the signed award letter to the Music Department AND accept the award online in the Financial Aid tab of the Student Services webpage. All talent scholarships require full-time enrollment, minimum 2.5 GPA, and participation in ensembles as outlined in the scholarship award letter. Scholarship offers are unique for each student and are based on many factors.
Degrees & Certificates

- Bachelor of Arts in Music
- Bachelor of Science in Music

Bachelor of Arts in Music 120 credits

The Bachelor of Arts in Music has six basic components:

1. Lower-division, General Education Requirements (31 - 37 credits).
2. Foreign Language (16 credits).
3. Discipline Core Requirements (26 credits).
4. Private Lesson & Ensemble Requirements (10 credits).
5. Discipline Elective Requirements (12 credits)

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree **may** fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete **one** of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Complete the following:

- Credits in a single foreign language (excluding ASL) through college courses, vertical credit, or examination 16.0

Discipline Core Requirements

Complete a minimum of **four semesters**:

- MUSC 1000 Concert Attendance 0.0
Complete all of the following:

- **MUSC 1001** Freshman Music Experience 1.0
- **MUSC 1110** Music Theory I 3.0
- **MUSC 1120** Music Theory II 3.0
- **MUSC 1130** Ear Training / Sight Singing I 1.0
- **MUSC 1140** Ear Training / Sight Singing II 1.0
- **MUSC 2110** Music Theory III 3.0
- **MUSC 2120** Music Theory IV 3.0
- **MUSC 2130** Ear Training / Sight Singing III 1.0
- **MUSC 2140** Ear Training / Sight Singing IV 1.0
- **MUSC 2350** Fundamentals of Conducting 2.0
- **MUSC 3630** Music History & Literature I 3.0
- **MUSC 3540** Music History & Literature II 3.0
- **MUSC 4890** Senior Recital 1.0

**Private Lesson & Ensemble Requirements**

Complete a minimum of 4 credits from the following: 4.0

- **MUSC 1810-1821** Private Music Lessons for Music Majors I (1.0)
- **MUSC 2810-2821** Private Music Lessons for Music Majors II (1.0)

Complete a minimum of 4 credits from the following: 4.0

- **MUSC 3810-3821** Private Music Lessons for Music Majors III (1.0)
- **MUSC 4810-4821** Private Music Lessons for Music Majors IV (1.0)

Complete a minimum of 8 credits from the following large ensembles: 8.0

- **MUSC 3250** Concert Choir (1.0)
- **MUSC 3310** Symphony Band (1.0)
- **MUSC 3350** Symphony Orchestra (1.0)

Complete a minimum of 2 credits from the following small ensembles: 2.0

- **MUSC 3260** Men’s Chorus (1.0)
- **MUSC 3270** Chamber Singers (1.0)
- **MUSC 3280** Women’s Chorus (1.0)
- **MUSC 3290** The Vocal Jazz Project (1.0)
- **MUSC 4430** String Chamber Music (1.0)
- **MUSC 4431** Woodwind Chamber Music (1.0)
- **MUSC 4432** Brass Chamber Music (1.0)
- **MUSC 4433** Piano Ensemble & Accompanying (1.0)
- **MUSC 4485** Percussion Ensemble (1.0)

**Elective Requirements**

Complete a minimum of 12 credits of additional Music electives:

- Any non-Core MUSC courses 12.0

Complete a minimum of 16 upper-division credits of non-Music electives:

- Any upper-division non-MUSC courses 16.0

**NOTES:**

a. No more than 4 credits of private lessons may be transferred from another institution.
b. No more than 4 credits of ensembles may be transferred from another institution.
c. Each Private Lesson course may be repeated up to 2 credits.
d. Each Ensemble course may be repeated up to 8 credits. Students are limited to no more than three ensembles courses per semester.
Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher required in all Discipline Core Requirements.

Bachelor of Science in Music 120 credits

The Bachelor of Science in Music has six basic components:

1. Lower-division, General Education Requirements (31 - 37 credits).
2. Discipline Core Requirements (26 credits).
3. Private Lesson & Ensemble Requirements (10 credits).
4. Discipline Elective Requirements (12 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Discipline Core Requirements

Complete a minimum of four semesters:

- MUSC 1000 Concert Attendance 0.0
Complete all of the following:

- MUSC 1001 Freshman Music Experience 1.0
- MUSC 1110 Music Theory I 3.0
- MUSC 1120 Music Theory II 3.0
- MUSC 1130 Ear Training / Sight Singing I 1.0
- MUSC 1140 Ear Training / Sight Singing II 1.0
- MUSC 2110 Music Theory III 3.0
- MUSC 2120 Music Theory IV 3.0
- MUSC 2130 Ear Training / Sight Singing III 1.0
- MUSC 2140 Ear Training / Sight Singing IV 1.0
- MUSC 2350 Fundamentals of Conducting 2.0
- MUSC 3630 Music History & Literature I 3.0
- MUSC 3540 Music History & Literature II 3.0
- MUSC 4890 Senior Recital 1.0

Private Lesson & Ensemble Requirements

Complete a minimum of 4 credits from the following: 4.0

- MUSC 1810-1821 Private Music Lessons for Music Majors I (1.0)
- MUSC 2810-2821 Private Music Lessons for Music Majors II (1.0)

Complete a minimum of 4 credits from the following: 4.0

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- MUSC 4810-4821 Private Music Lessons for Music Majors IV (1.0)

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- MUSC 3250 Concert Choir (1.0)
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- MUSC 4431 Woodwind Chamber Music (1.0)
- MUSC 4432 Brass Chamber Music (1.0)
- MUSC 4433 Piano Ensemble & Accompanying (1.0)
- MUSC 4485 Percussion Ensemble (1.0)

Elective Requirements

Complete a minimum of 12 credits of additional Music electives:

- Any non-Core MUSC courses 12.0

Complete a minimum of 16 upper-division credits of non-Music electives:

- Any upper-division non-MUSC courses 16.0

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Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher required in all Discipline Core Requirements.
## NURSING PROGRAM

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### School of Nursing and Allied Health

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### Program Description

The mission of the Dixie State College Nursing Program is the education of nurses at the associate and baccalaureate levels who are dedicated to excellence in health care. Our goals are to:

- Provide an innovative and collaborative learning environment.
- Prepare generalist nurses who can practice in various health care settings.
- Apply evidence-based practice in educational and clinical settings.
- Enhance the quality of life of diverse individuals, families, groups, communities, and society.
- Promote responsibility and commitment to lifelong learning.
Nursing Education is a lifelong process which includes reflection, intellectual challenge, and practice. It encompasses the development of knowledge, skills, and personal and professional values. Nursing education facilitates the learning process through the assimilation of knowledge and the acquisition of eight competencies which include critical thinking, technical skills, therapeutic communication, leadership/management, time management/organization, professional behavior, caring, and the nursing process. A supportive environment for nursing education is one of caring in which all persons are respected, trusted, and nurtured. Through education, the faculty endeavors to develop and enhance learners’ individual growth, professional practice and social responsibility, and leadership in increasingly complex health care environments. Education is the progressive discovery of knowledge and possibility. Our aim is for students to recognize what they do and do not know as well as how to acquire what they need to know.

Teaching/Learning is a collaborative process in which the nursing instructor, informed by the curriculum, evidence-based nursing practice, and teaching and learning theories facilitates the nursing student preparedness to meet the goals and outcomes of the Nursing Program and the NLCEX® exam.

The eight competencies that the student develops across the curriculum include:

**Critical Thinking** is the ability to think in a systematic and logical manner when posed with a thinking challenge. Critical thinking in nursing is used for clinical judgment and decision-making that ensures safe nursing practice and quality care. Critical thinking requires an attitude of inquiry, openness to questioning, and reflection on the reasoning process. Technical skills require technical competence. Such competence is demonstrated by the ability to use equipment and supplies with confidence and skill thus meeting client needs. It also includes the ability to adapt procedures and equipment to meet client needs in diverse situations and care settings.

**Therapeutic Communication** is the ability to apply concepts of communication and therapeutic interaction in building and maintaining relationships with clients, families, groups, communities and other members of the health care team. Communication promotes the value of each individual, group, or community including their strengths, abilities, and challenges to achieve established goals. It is dependent upon caring.

**Leadership/Management**: Leadership requires personal traits necessary to establish vision and goals for a group and the ability to execute them. Management requires personal traits necessary to plan, organize, motivate, and manage a group of people and their resources. Leadership and management include delegation, evaluation, conflict resolution, and collaboration with other members of the health care team.

**Time Management/Organization** is the responsibility and accountability to client, peer, and employer environments through a sound work ethic. It is demonstrated through attendance, work within designated standards, performance of assigned responsibilities, prioritization of care, and effective use of time.

**Professional Behavior** is characterized by a commitment to the profession of nursing. Professional behavior involves adherence to standards of nursing practice; accountability for actions and behaviors; and nursing practice within legal, ethical, and regulatory frameworks.

**Caring** is the recognition and acknowledgment of the value of individuals, families, groups, communities, and other members of the health care team. Caring is an altruistic philosophy of moral and ethical commitment toward the protection, promotion and preservation of human dignity and diversity. Caring is the essence of nursing.

**The Nursing Process** serves as a critical thinking tool in nursing. The nursing process involves the methodology of decision-making that provides direction and order to holistic nursing care across the health continuum. The components of the nursing process include assessment, diagnosis, planning, implementation, and evaluation. Implicit in the nursing process is the professional and therapeutic relationship of the nurse with client and family.

The Department offers three levels of nursing education.

1. **The Practical Nurse** certificate program (PN)* prepares students to assume the role of the licensed practical nurse upon successful completion of the practical nurse licensing exam.

2. **The Associate Degree Nursing Program** prepares students to assume the role of registered nurse. Graduates of this program will receive an Associate of Applied Science degree and are eligible for registered nurse licensure upon successful completion of the NCLEX-RN® licensure examination. Associate Degree Nurses (ADN) practice in the roles of care provider, care manager, and member within the discipline of nursing. ADN graduates are registered nurses who provide direct care to clients with complex health needs; adjust care as client situations change; collect and analyze data from clients, families, and other health care resources;
formulate appropriate nursing diagnoses; develop and revise plans of care based on client decisions; and collaborate and communicate with clients, families, and other health professionals. ADNs also are accountable for care of their clients, and of those whose care has been delegated to others, including licensed and unlicensed health care workers.

3. The RN-to-Baccalaureate Degree Nursing Program is designed to provide registered nurses with further education necessary for progression in their careers, entrance into management positions, and admission into graduate nursing programs leading to advanced practice nursing, nursing education, and nursing administration. Graduates will receive a Bachelor of Science in Nursing (BSN) degree. Bachelor of Science Degree Nurses (BSN) are professional nurses who have more extensive opportunities for practice than Associate Degree Nurses. The BSN practices in the role of provider, manager, and coordinator of care as well as functioning as a leader of care teams. BSN graduates use research, information technology, ethical frameworks, political advocacy, and policy making in the provision of care with individuals, families, groups and communities across the lifespan and across the continuum of healthcare environments. The BSN graduate is accountable for his or her own practice and care delegated to others. The BSN is generally a prerequisite for graduate nursing education.

*The Practical Nurse certificate program will not be offered after Fall 2010. Students admitted to the Nursing program will complete the pre-licensure requirements and enter directly into a Associate Degree Nursing program. The revised associate degree program will include a PN transitions course after the third semester for those students who wish to take the PN licensing exam.

Career Opportunities

According to the Bureau of Labor Statistics, US Department of Labor, Occupational Outlook Handbook 2008-2009, overall job opportunities for registered nurses are expected to be excellent, but may vary by employment and geographic setting. Employment of RNs is expected to grow by 23 percent from 2006 to 2016, much faster than the average for all occupations. Nurse employment in hospitals is expected to slow as health care efforts place more emphasis on disease prevention, health promotion, and provision of care in community and home settings.

RNs working in the United State average a median annual base salary of $41,642. Half of all US RNs are expected to earn between $38,792 and $44,869. Nearly 67% of nurses are employed in hospital inpatient and outpatient settings. Thirty-two percent of all nurses are employed in other settings such as medical offices and clinics, home health care, outpatient care centers, long term care facilities, temporary help agencies, colleges/universities, and government agencies. Nurses work as direct patient care providers, administrators, researchers, policy makers, and educators. Nursing specialties include critical care, emergency care, home health care, hospice care, infusion care, long term care, medical-surgical care, occupational health, preoperative, psychiatric care, radiology nurse, rehab nurse, transplant nurse, addiction care, diabetes, management, HIV/AIDS, wound and ostomy nurse, oncology, neonatal care, pediatrics, maternity, gerontology, travel nurse, flight nurse, and more.

Facilities

The Department of Nursing is located in the Russell Taylor Health Science Center near Dixie Regional Medical Center. The Taylor Health Science Center, 78,000 square feet on three floors, houses all of Dixie State College’s Allied Health programs. The Nursing Program, located on the third floor, utilizes state-of-the-art classrooms, nursing laboratories, and simulation rooms.

Scholarships

A limited number of nursing department scholarships are available for students who have been accepted into the Nursing Program. Recipients must be full-time, undergraduate nursing students in good academic standing. Contact the Financial Aid Office at http://www.dixie.edu/financialfor further information.

Accreditation

The Practical and Associate Degree Nursing Programs have been approved by the Utah Board of Nursing and have been accredited by the National League for Nursing Accrediting Commission, Inc. (NLNAC) since 2002. The RN-to-BSN program is a candidate for accreditation by the NLNAC. The National League for Nursing Accrediting Commission can be contacted at:

NLNAC, Inc.
3343 Peachtree Rd NE, Suite 500
Atlanta GA 30326
(404) 975-5000
http://www.nlnac.org
Admission to the Practical Nurse/Associate Degree in Nursing Programs

All applicants must be admitted as students to Dixie State College of Utah. All prerequisites must be completed before the start of the Associate of Applied Science program. Students must complete all prerequisite courses with a minimum of a “C” grade or higher and have a cumulative GPA of 3.0 in those courses. Prerequisite courses may be repeated one time only. Students must also be certified as a nurse assistant (CNA) before being admitted into this program. If the CNA course is taken at DSC, a minimum grade of “B” or higher is required.

Space in the program is limited, therefore, admission will be competitive and applicants will be scored on an objective point procedure that has been strategically set up to predict student success. Forty (40) students are admitted each fall and spring semester.

Applicants will be evaluated on the following:

- Current certified nurse assistant certificate
- Academic Excellence in pre-requisite courses**
- Entrance Examination (TEAS V® test) – must be taken within 2 months of application period.
- Program Essay
- Health Requirements
- Background Screening

Refer to http://www.dixie.edu/health/nursing for additional admission requirements and application information.

**Prerequisite courses:

- BIOL 2320/2325 Human Anatomy / Lab (3.0/2.0)
- BIOL 2420/2425 Human Physiology / Lab (3.0/1.0)
- ENGL 1010 Intro to Writing (3.0)
- ENGL 2010 Intermediate Writing (3.0)
- CHEM 1110/1115 Elem Gen Organic Chemistry / Lab (4.0/1.0)

One of the following:

- MATH 1040 Intro to Statistics (3.0) recommended
- MATH 1030 Quantitative Reasoning (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

One of the following:

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development/Lifespan (3.0)
- FCS 1500 Human Development/Lifespan (3.0)

Admission to the Bachelor of Science in Nursing Program

Requirements for admission to the BSN program include graduation from an accredited associate degree registered nurse program, current registered nurse licensure, and completion of all Nursing courses with a minimum of “C” grade and cumulative GPA of 3.0 in those courses.

A previously earned degree may complete some or all of DSC’s General Education requirements. DSC’s General Education requirements must be fulfilled prior to degree completion.

Degrees and Certificates

- Certificate in Practical Nursing (not offered beginning January 2011)
- Associate of Applied Science in Nursing (students entering January 2010 or before)
- Associate of Applied Science in Nursing (students entering January 2011 or after)
- Baccalaureate in Nursing (RN-to-BSN completion program)
Bachelor of Science in Nursing (BSN)  
120 credits

**Prerequisites**
- Completion of an AAS, AS, or equivalent degree in Nursing
- Current Registered Nurse license

**General Education Requirements**
All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

**DSC General Education Requirements**
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1040 Intro to Statistics (3.0) recommended
- MATH 1030 Quantitative Reasoning (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

**Discipline Core Requirements**
Complete the following:

- BIOL 4400 Pathophysiology 3.0

Complete one of the following: 3.0-4.0

- MATH 1040 Intro to Statistics (3.0)
- STAT 2040 Business Statistics (4.0)

Complete one of the following: 3.0

- COMM 2110 Interpersonal Communication (3.0) recommended
- COMM 1010 Elements of Effective Communication (3.0)
- COMM 1020 Public Speaking (3.0)

Complete the following:

- NURS 3100 Professional Nursing Roles 2.0
- NURS 3200 Health Assessment 3.0
Nursing

- NURS 3300  Transcultural Nursing  3.0
- NURS 3400  Nursing Informatics  3.0
- NURS 3600  Nursing Research  3.0
- NURS 3700  Gerontological Nursing  2.0
- NURS 4020/25  Community Health Nursing/Clinical  6.0
- NURS 4040/41  Nursing Leadership & Mgmt/Clinical  7.0
- NURS 4030  Nursing Policy and Ethics  3.0
- NURS 4100  Senior Seminar  3.0
- NURS 4600  Senior Capstone  4.0-6.0

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
   Grade C or higher in each Discipline Core Requirement course.

Associate of Applied Science in Nursing  63 credits
(for students entering the program January 2010 or before)

The Associate of Applied Science in Nursing degree (ADN) has three basic components:

1. Lower-division, General Education Requirements (18 credits).
2. Program Prerequisites (9 credits).
3. Core Discipline Requirements (36 credits).

General Education Requirements

Complete the following:

- ENGL 1010  Intro to Writing  3.0
- ENGL 2010  Intermediate Writing  3.0
- CHEM 1110/1115  Elem Gen Organic Chemistry / Lab  4.0/1.0
- LIB 1010  Information Literacy  1.0
- MATH 1050  College Algebra / Pre-Calculus  4.0

Complete one of the following:  3.0
- PSY 1010  General Psychology (3.0)
- PSY 1100  Human Development/Lifespan (3.0)
- FCS 1500  Human Development/Lifespan (3.0)

Program Prerequisites

Complete the following:

- BIOL 2320/2325  Human Anatomy / Lab  3.0/2.0
- BIOL 2420/2405  Human Physiology / Lab  3.0/1.0

Discipline Core Requirements

Complete the following:

- NURS 1100  Medical-Surgical Nursing I  9.0
- NURS 1120  Nursing Pharmacology I  1.0
- NURS 1200  Maternal Newborn Nursing I  2.0
- NURS 1220  Nursing Pharmacology II  1.0
- NURS 1250  Pediatric Nursing I  2.0
- NURS 1260  Psychiatric Nursing II  1.5
• NURS 1300  Entry into Practice I  2.5  
• NURS 2100  Medical-Surgical Nursing II  8.5  
• NURS 2120  Nursing Pharmacology III  1.0  
• NURS 2200  Maternal Newborn Nursing II  1.5  
• NURS 2250  Pediatric Nursing II  1.0  
• NURS 2260  Psychiatric Nursing II  1.5  
• NURS 2300  Entry into Practice II  3.5  

Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Minimum cumulative GPA 2.0.
4. Grade C or higher in each General Education, Program Prerequisite, and Discipline Core Requirement course.

Associate of Applied Science in Nursing (ADN)  65 – 66 credits  
(for students entering the program January 2011 and later)

The Associate of Applied Science in Nursing degree (ADN) has three basic components:

1. Lower-division, General Education Requirements (17 – 18 credits).
2. Program Prerequisites (9 credits).
3. Core Discipline Requirements (39 credits).

General Education Requirements

Complete the following:

• ENGL 1010  Intro to Writing  3.0  
• ENGL 2010  Intermediate Writing  3.0  
• CHEM 1110/1115  Elem Gen Organic Chemistry / Lab  4.0/1.0  

Complete one of the following:  3.0-4.0

• MATH 1040  Intro to Statistics (3.0) recommended
• MATH 1030  Quantitative Reasoning (3.0)
• MATH 1050  College Algebra / Pre-Calculus (4.0)

Complete one of the following:  3.0

• PSY 1010  General Psychology (3.0)
• PSY 1100  Human Development/Lifespan (3.0)
• FCS 1500  Human Development/Lifespan (3.0)

Program Prerequisites

Complete the following:

• BIOL 2320/2325  Human Anatomy / Lab  3.0/2.0  
• BIOL 2420/2425  Human Physiology / Lab  3.0/1.0  

Discipline Core Requirements

Complete the following:

• NURS 2000  Intro to Health Concepts  5.0  
• NURS 2400  Health Illness Concepts I  6.0  
• NURS 2450  Nursing Pharmacology Concepts I  1.0  
• NURS 2500  Health Illness Concepts II  8.0  
• NURS 2530  Family Health Concepts  5.0  
• NURS 2550  Nursing Pharmacology Concepts II  1.0  
• NURS 2600  Health Systems Concepts  4.0  

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- NURS 2650 Nursing Pharmacology Concepts III 1.0
- NURS 2700 Complex Health Concepts 8.0

Graduation Requirements

1. Complete a minimum of 65 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Minimum cumulative GPA 2.0.
4. Grade C or higher in each General Education, Program Prerequisite, and Discipline Core Requirement course.

Certificate in Practical Nursing
(for students entering the program January 2010 or before) 46 credits

General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CHEM 1110/15 Elem Gen Organic Chemistry / Lab 4.0/1.0
- MATH 1050 College Algebra / Pre-Calculus 4.0

Complete one of the following: 3.0

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development/Lifespan (3.0)
- FCS 1500 Human Development/Lifespan (3.0)

Program Prerequisites

Complete the following:

- BIOL 2320/25 Human Anatomy / Lab 3.0/2.0
- BIOL 2420/25 Human Physiology / Lab 3.0/1.0

Discipline Core Requirements

Complete the following:

- NURS 1100 Medical-Surgical Nursing I 9.0
- NURS 1120 Nursing Pharmacology I 1.0
- NURS 1200 Maternal Newborn Nursing I 2.0
- NURS 1220 Nursing Pharmacology II 1.0
- NURS 1250 Pediatric Nursing I 2.0
- NURS 1260 Psychiatric Nursing II 1.5
- NURS 1300 Entry into Practice I 2.5

Completion Requirements

1. Complete at least 46 college-level credits (1000 and above).
2. Minimum cumulative GPA 2.0.
3. Grade C or higher in each Program Prerequisite and Discipline Core Requirement course.

Note: This certificate will not be offered after January 2011.
PROGRAMS OF STUDY

PHYSICAL EDUCATION, HEALTH & RECREATION DEPARTMENT

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Dr. Brenda Sabey
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School of Arts and Letters
Dean:

Dr. Donald Hinton
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Program Description
Committed to educating the "whole person," Dixie State College encourages you to take courses in physical education, the purpose of which is to teach you the benefits of lifelong, wholesome physical activity. The Physical Education Department sponsors a wide variety of activity classes, some of which will certainly suit your interests and needs.

Activity Courses: We live in a society where the health dangers of a sedentary life-style are obvious. These courses will allow you to develop and enjoy physical skills that will form the basis of a healthful, lifelong penchant for physical and recreational activity. You may choose from a wide variety of activities such as tennis, yoga, Tai Chi, Kung Fu, racquetball, bowling, basketball, golf, basketball, volleyball, fishing, climbing, aerobics, soccer, weight training, swimming, survival skills, and mountain biking.

Fitness Center: The Eccles Fitness Center provides students a state-of-the-art facility for cardiovascular exercise and weight training. Students may receive credit each semester for improving their good physical conditioning.

Competitive Sports Courses: Dixie State College has exciting and competitive men’s and women’s athletic teams that participate in Division II NCAA sports in regional and national contests. If you are a member of one of these teams, or the Cheerleading squad or the Dixie Dance Team, you will take a course in your sport each year you are on the team. Currently Dixie has intercollegiate teams in these sports:

- Men’s Sports Teams: Basketball, Baseball, Football, Soccer, Golf
- Women’s Sports Teams: Basketball, Softball, Volleyball, Soccer, Tennis

Lecture Courses: In addition to the above activities and competition classes, you’ll find lecture courses in such things as sports medicine, first aid, water safety, and athletic training.

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PHYSICAL SCIENCES DEPARTMENT
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Program Description
The Dixie State College Physical Sciences department offers a variety of courses in chemistry, engineering, geology, geography, and physics that allows students to better understand and appreciate the natural world and our place in it. Many of these courses fulfill the General Education Physical Science requirement for all students. Coursework in the Physical Sciences also fulfills prerequisites and requirements for students planning to pursue careers in medicine, dentistry, pharmacy, optometry, engineering, chiropractics, physical therapy, physician’s assistant, veterinary medicine, nursing, dental hygiene and other fields.

Pre-Engineering is a 70 credit degree program that prepares a student to approximately complete the first two years of most bachelor’s degree programs in engineering (e.g. Aerospace, Architectural, Biomedical, Chemical, Civil, Computer, Electrical, Environmental, Industrial, Mechanical, Petroleum, etc). With appropriate planning, Pre-Engineering coursework completed at DSC will transfer to all the Utah universities and most other universities with 4-year engineering degree programs. Each field of engineering requires different coursework. However, the first two years are similar in the courses required. Usually, the transfer student will need to take two or three courses not taken at Dixie, but these are not prerequisites to the last two years of most engineering programs. The student will have fulfilled more of his General Education requirements and thus will be on schedule for the last two years upon transfer.

Engineering is an exciting major in terms of professional career opportunities, job satisfaction, and compensation. The first two years of all engineering programs are filled with challenging Mathematics, Physics, Chemistry, and Engineering courses. Dixie State College is a great place to take your first two years because of its small class size, caring and knowledgeable professors, and a positive, friendly atmosphere.
Degrees & Certificates

- Associate of Pre-Engineering (APE)

Associate of Pre-Engineering 70 credits

The Associate of Pre-Engineering degree has 4 basic components:

1. Lower-division, General Education Requirements, excluding Math and Science, which are included in the program requirements (22 credits).
2. Math and Science Requirements (33 credits).
3. Engineering Science Requirements (9 credits).
4. Elective Requirements (6 credits).

General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Literacy 3.0
- LIB 1010 Information Literacy 1.0

Complete the following:

- American Institutions GE approved course 3.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Math and Science Requirements

Complete all of the following:

- CHEM 1210 Principles of Chemistry I 4.0
- CHEM 1215 Principles of Chemistry I Lab 1.0
- MATH 1210 Calculus I 5.0
- MATH 1220 Calculus II 4.0
- MATH 2210 Multivariable Calculus 3.0
- MATH 2270 Linear Algebra 3.0
- MATH 2280 Differential Equations 3.0
- PHYS 2210 Physics for Scientists & Engineers I 4.0
- PHYS 2215 Physics for Sci & Engineers I Lab 1.0

Complete one of the following series of courses: 5.0

- CHEM 1220 Principles of Chemistry II (4.0)
- CHEM 1225 Principles of Chemistry II / Lab (1.0)

OR

- PHYS 2220 Physics for Sci & Engineers II (4.0)
- PHYS 2225 Physics for Sci & Engineers II Lab (1.0)

Engineering Science Requirements

Complete all of the following:

- ENGR 2010 Statics 3.0
- ENGR 2030 Dynamics 3.0
- ENGR 2140 Strength of Materials 3.0
Technical Elective Requirements

Complete the following:

- Elective courses in technical areas totaling at least 6 credits as approved by Pre-Engineering Advisor

Graduation Requirements

1. Complete a minimum of 70 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
PHYSICAL THERAPIST ASSISTANT PROGRAM
203 Taylor Health Science Bldg.
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Administrative Assistant
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Program Description
A physical therapist assistant (PTA) is a health care provider who works under the supervision of a physical therapist (PT). They do hands-on care for people who need to recover from injuries to the bones and joints, brain and nerves, problems with pain, developmental complications, and other movement problems. Their main purpose is to assist people with reaching their maximum level of health and function. They help people to recover their ability to walk, to heal from wounds, and to learn to work and live with the effects of injuries and other health problems. Physical therapists (PTs) are responsible for evaluating and treating people who need physical therapy care. They identify problems that physical therapy can address, create goals, and decide what treatment the person will receive. PTs supervise all care given by the PTA. PTAs usually work in hospitals, rehabilitation centers, outpatient clinics, skilled nursing facilities, schools, home health – actually, anywhere that physical therapists work. They only work with physical therapists – this is exclusive and required by professional ethics, codes of conduct, and by law.

Licensure
As of July 1, 2009 PTA licensure is required for all practicing assistants in Utah. In order to receive a license to practice, an individual must graduate from an accredited PTA program and pass the State license examination.

Accreditation
The Dixie State College of Utah Physical Therapist Assistant Program has been granted Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education (CAPTE), a division of the American Physical Therapy Association (APTA). Candidacy is not an accreditation status nor does it assure eventual accreditation. Candidate for Accreditation is a pre-accreditation status of affiliation with the CAPTE that indicates the DSC program is progressing toward accreditation. CAPTE may be contacted at:
Commission on Accreditation in Physical Therapy Education
1111 North Fairfax St.
Alexandria VA 22314
(703) 706-3245
accreditation@apta.org
Admission
Application information, including deadlines, is available at http://www.dixie.edu/health/physical_therapist_assistant/admissions.php. Each cohort is limited to 16 students; therefore, admission is competitive. Incomplete or late applications will not be considered. Students are accepted into a “cohort” – a group of students who start the program at the same time, enroll and complete the same program courses, perform clinical education at the same time, and graduate together as a group. The program cannot be taken part-time; it is a full time commitment. Admission requirements include:

- Be admitted to Dixie State College
- Minimum GPA of 2.7 in prerequisite courses (no grade below “C”):
  - PTA 1010 Intro to Physical Therapy (2.0)
  - BIOL 2320/2325 Human Anatomy / Lab (3.0/2.0)
  - BIOL 2420/2425 Human Physiology / Lab (3.0/1.0)
- Minimum “C” grade in each required General Education course
- Observation or work experience (40 hours minimum)
- Official college transcripts
- PSB Health Occupations Aptitude Exam
- Health Care Provider CPR certification
- Background screen
- Drug screen
- Immunization requirements

Degrees & Certificates
- Associate of Applied Science in Physical Therapist Assistant

Associate of Applied Science in Physical Therapist Assistant  78-79 credits

The Associate of Applied Science in Physical Therapist Assistant degree has three basic components:

1. Lower-division, General Education Requirements (15-16 credits).
2. Program Prerequisites (11 credits).
3. Discipline Core Requirements (52 credits).

General Education Requirements
Complete the following:

- ENGL 1010 Intro to Writing  3.0
- ENGL 2010 Intermediate Writing  3.0

Complete one of the following:  3.0-4.0

- MATH 1030 Quantitative Reasoning (3.0)
- MATH 1040 Introduction to Statistics (3.0)
- MATH 1050 College Algebra/Pre-Calculus (4.0)

Complete one of the following:  3.0

- FCS 1500 Human Development/Lifespan (3.0)
- PSY 1100 Human Development/Lifespan (3.0)

Complete one of the following:  3.0

- COMM 1020 Public Speaking (3.0)
- COMM 2110 Interpersonal Communication(3.0)

Program Prerequisites
Complete all of the following:

- PTA 1010 Intro to Physical Therapy  2.0
- BIOL 2320/2325 Human Anatomy / Lab 3.0/2.0
- BIOL 2420/2425 Human Physiology / Lab 3.0/1.0

**Discipline Core Requirements**

Complete all of the following:

**Semester I**

- PTA 1020 Practice Issues 2.0
- PTA 2010 Kinesiology 2.0
- PTA 2011 Kinesiology Lab 2.0
- PTA 2110 Fundamentals of Physical Therapy 2.0
- PTA 2111 Fundamentals of Phys Therapy Lab 2.0

**Semester II**

- PTA 2200 Physical Agents 2.0
- PTA 2201 Physical Agents Lab 2.0
- PTS 2210 Observation & Measurement 2.0
- PTA 2211 Observation & Measurement Lab 2.0
- PTA 2300 Orthopedic Rehabilitation 2.0
- PTA 2301 Orthopedic Rehabilitation Lab 2.0
- PTA 2400 Clinical Pathology 2.0

**Semester III**

- PTA 2605 Clinical Practicum 4.0

**Semester IV**

- PTA 2410 Special Clientele 2.0
- PTA 2411 Special Clientele Lab 1.0
- PTA 2520 Neuromuscular Rehabilitation 2.0
- PTA 2521 Neuromuscular Rehabilitation Lab 2.0
- PTA 2530 Seminar 3.0
- PTA 2550 Rehabilitation Psychology 2.0

**Semester V**

- PTA 2705 Clinical Affiliation I 6.0
- PTA 2805 Clinical Affiliation II 6.0

**Graduation Requirements**

1. Complete a minimum of 78 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Minimum 2.7 GPA in Program Prerequisite courses.
5. Minimum cumulative GPA 2.75 in Discipline Core Requirements.
Psychology is a hub science with a humanistic core at the crossroads of multiple disciplines and perspectives. While students of biology examine what it means to be human from a biological/evolutionary perspective, students of sociology and anthropology from a cultural perspective, students of philosophy from a philosophical perspective, students of literature from a deeply personal perspective, and students of religion (and philosophy) from a moral perspective, the student of psychology realizes that a full understanding of what it means to be human can only be obtained by combining all of these perspectives. As a discipline, that is exactly what psychology attempts to do.

While a major in psychology is valuable because it brings one closer to unraveling the complexities of human nature, it is more than an intellectual pursuit. Those who study psychology are well positioned to solve important practical problems and to help people. For example, psychologists attempt to empower individuals and families to battle mental illness, drug dependence and addiction, or meet the challenges of marriage and family, school and work. Psychologists work in business settings to design effective organizational structures, systems of reward and recognition, and to facilitate effective leadership, productivity, and employee well-being. Psychologists work in legal settings as jury consultants and expert witnesses. Still other psychologists work with athletes, artists, or business executives to facilitate performance and achievement.

The psychology degree program at Dixie State College contributes to these potential outcomes in at least three ways. First, as a psychology major you will be encouraged to embrace the value of a strong foundation in the liberal arts and sciences through the College’s general education program. The general education courses you take provide an essential foundation for more focused study in psychology. Your
general education courses will provide you with exposure to the multiple perspectives (biological, philosophical, etc.) that converge in psychology. The general education program will also provide a foundation of essential academic and intellectual skills that will be further developed in psychology, including critical thinking, effective communication, information literacy, and statistical literacy.

Second, as a psychology major you will have significant freedom to explore multiple disciplines in-depth according to your own interests in psychology. This allows you to deepen your foundation in the liberal arts and sciences by taking more advanced elective courses in the fine arts and humanities, literature, communication, the physical and natural sciences, the social and behavioral sciences, and business, among others.

Third, the psychology degree requirements include a rigorous set of core courses that are essential to your development as a student of psychology. Whatever you specific interests within psychology, the core courses comprise what the faculty feel are an essential foundation to more advanced study and understanding. Our degree requirements also allow you to explore the depth and diversity of psychology through upper-division course-work in the primary research areas which include social, developmental, biological, cognitive, clinical/counseling, and applied psychology. It is here that you will receive exposure to and experience with all that psychology, as an academic discipline, and an applied science, has to offer.

Finally, as a psychology major you will have multiple opportunities for hands-on experiences, close student-faculty relationships, and social engagement both informally and through membership in the psychology club. As a psychology major you will find a faculty who are committed to the intellectual, professional, and personal development of every student, whatever their ultimate goals may be.

The Psychology Program at Dixie State College is committed to the following:

• Developing students who value the search for knowledge by means of scientific methods and research and to providing students with the knowledge and skills to do so.
• Developing students who appreciate and understand that behavior results from a complex interaction between physiological systems, genetic influences, experiential and environmental factors and social forces.
• Developing students whose understanding of psychology reflects an integration of a variety of theoretical perspectives.
• Developing students who understand the principles of psychology within a broad liberal arts and science perspective.
• Developing students who appreciate the power of applied psychology to foster physical, psychological, and communal well-being.
• Inspiring students to act ethically as scholars and as future practitioners of psychology.
• Inspiring students to value and to use critical thinking as students, scholars, consumers of media, and targets of influence.
• Inspiring students to commit themselves to a lifetime pursuit of knowledge and understanding.

Degrees & Certificates

• Bachelor of Arts in Psychology
• Bachelor of Science in Psychology

Bachelor of Arts in Psychology 120 credits

The Bachelor of Arts in Psychology has six basic components:

1. Lower-division, General Education Requirements, excluding Social & Behavioral Science, which is included in the Core Discipline Requirements (28 – 30 credits).
2. Foreign Language (16 credits).
3. Core Discipline Requirements (20 credits).
4. Discipline Research Area Requirements (18 – 19 credits).
5. Psychology Elective Requirements (9 credits).
6. Other Electives (up to 29 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

• American Institutions
• English
• Mathematics
DSC General Education Requirements
Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0
- MATH 1040 Intro to Statistics 3.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Complete the following:

- Credits in a single foreign language (excluding ASL) through college courses, vertical credit, or examination 16.0

Discipline Core Requirements
Complete all of the following:

- PSY 1010 General Psychology 3.0
- PSY 2000 Writing in Psychology, APA Style 3.0
- PSY 3000 Statistical Methods in Psychology 4.0
- PSY 3010 Research Methods in Psychology 4.0
- PSY 4000 History of Psychology 3.0

Complete one of the following: 3.0

- PSY 4910 Capstone Research in Psychology (3.0)
- PSY 4920 Capstone Seminar in Psychology (3.0)

Research Area Requirements
Complete two of the following: 6.0

- PSY 3200 Development in Infancy & Childhood (3.0)
- PSY 3220 Psy of Adolescence & Emerging Adulthood (3.0)
- PSY 3230 Adult Development & Aging (3.0)
- PSY 3410 Social Psychology (3.0)
- PSY 3700 Personality Theory (3.0)

Complete two of the following: 6.0

- PSY 3120 Cognitive Psychology (3.0)
- PSY 3710 Behavioral Neuroscience (3.0)
- PSY 4130 Interpersonal Neuroscience (3.0)
- PSY 4140 Cognitive Neuroscience (3.0)
- PSY 4150 Sensation & Perception (3.0)

Complete two of the following: 6.0-7.0

- PSY 3400 Psychology of Abnormal Behavior (3.0)
- PSY 3440 Child & Family Mental Health (3.0)
- PSY 3460 Health Psychology (3.0)
- PSY 4300 Intro to Counseling & Psychotherapy (4.0)
- PSY 4400 Addiction (3.0)
Psychology Electives

- Complete a minimum of **9 additional PSY credits**
  (6 credits must be upper-division)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in each Core Discipline, Research Area, and Psychology Elective Requirement course.

Bachelor of Science in Psychology

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>120</td>
</tr>
</tbody>
</table>

The Bachelor of Science in Psychology has five basic components:

1. Lower-division, General Education Requirements, excluding Social & Behavioral Science, which is included in the Core Discipline Requirements (28 – 30 credits).
2. Core Discipline Requirements (20 credits).
3. Discipline Research Area Requirements (18 – 19 credits).
4. Psychology Elective Requirements (9 credits).
5. Other Electives (up to 45 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0
- MATH 1040 Intro to Statistics 3.0

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Discipline Core Requirements

Complete all of the following:

- PSY 1010 General Psychology 3.0
- PSY 2000 Writing in Psychology, APA Style 3.0
- PSY 3000 Statistical Methods in Psychology 4.0
- PSY 3010 Research Methods in Psychology 4.0
• PSY 4000 History of Psychology 3.0
• PSY 4910 Capstone Research in Psychology 3.0

**Research Area Requirements**

Complete two of the following: 6.0

• PSY 3200 Development in Infancy & Childhood (3.0)
• PSY 3220 Psy of Adolescence & Emerging Adulthood (3.0)
• PSY 3230 Adult Development & Aging (3.0)
• PSY 3410 Social Psychology (3.0)
• PSY 3700 Personality Theory (3.0)

Complete two of the following: 6.0

• PSY 3120 Cognitive Psychology (3.0)
• PSY 3710 Behavioral Neuroscience (3.0)
• PSY 4130 Interpersonal Neuroscience (3.0)
• PSY 4140 Cognitive Neuroscience (3.0)
• PSY 4150 Sensation & Perception (3.0)

Complete two of the following: 6.0-7.0

• PSY 3400 Psychology of Abnormal Behavior (3.0)
• PSY 3440 Child & Family Mental Health (3.0)
• PSY 3460 Health Psychology (3.0)
• PSY 4300 Intro to Counseling & Psychotherapy (4.0)
• PSY 4400 Addiction (3.0)

**Psychology Electives** 9.0

• Complete a minimum of 9 additional PSY credits
  (6 credits must be upper-division)

**Graduation Requirements**

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in each Core Discipline, Research Area, and Psychology Elective Requirement course.
Respiratory Therapy Program

206 Taylor Health Science Bldg.
(435) 879-4999

Program Coordinator
Georgine Bills
Office: 255 Taylor Science Health Bldg.
bills@dixie.edu
(435) 879-4961

Department Secretary
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(435) 879-4999

Faculty
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(435) 879-4961

Instructor
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(435) 879-4962

Health Science Advisor
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Office: 254 Taylor Health Science Bldg.
kplewe@dixie.edu
(435) 879-4809

School of Nursing & Allied Health
Dean:
Dr. Carole Grady
Office: 308 Taylor Health Science Bldg.
grady@dixie.edu
(435) 879-4802

Program Description
Respiratory therapists, also known as respiratory care practitioners, provide treatment, evaluation, monitoring and management of patients with breathing disorders or cardiovascular problems. Care provided by respiratory therapists may include administration of oxygen, cardiopulmonary resuscitation, management of mechanical ventilators, administering drugs to the lungs, monitoring cardiopulmonary systems and measuring lung function. Respiratory therapists treat all types of patients, ranging from premature infants whose lungs are not fully developed to elderly people with lung disease.

Accreditation
The Respiratory Therapy program at Dixie State College of Utah has been granted a Letter of Review from the Committee on Accreditation for Respiratory Care (CoARC). This accreditation status guarantees our graduates will be eligible to sit their national credentialing examinations (these examinations are recognized as part of the licensure criteria in the U.S. and Canada). Contact CoARC at:
Committee on Accreditation for Respiratory Care
1248 Harwood Rd.
Bedford TX 76021-4244
(435) 354-8519

Admission
Application deadline is March 1. Applications are available from the Respiratory Therapy program home page on the Dixie State College of Utah website (http://dixie.edu/health/respiratory_therapy.php).

Admission to the respiratory therapy program is based upon academic performance in both general education and specific program prerequisite courses in addition to other selection criteria, including:

1) Submission of a complete Program Application on or before March 1;
2) Minimum cumulative GPA of 2.25 or higher;
3) Completion with a “C” or better of specified program prerequisite courses;
4) Individual interview with the Respiratory Therapy Program Selection Committee; and
5) CPR Certification in CPR and C.N.A. license

Additional factors that will be taken into consideration for program admission include previous health care experience and weighted GPA in specific prerequisite courses. A criminal background check and selected immunizations will be required upon acceptance to the program.

Program Prerequisites
All of the following:
- BIOL 2420/2425 Human Physiology / Lab (3.0/1.0)
- ENGL 1010 Intro to Writing (3.0)
- ENGL 2010 Intermediate Writing (3.0)
One of the following:

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

One of the following:

- CHEM 1010 Intro to Chemistry (3.0)
- CHEM 1110/1115 Elem General-Organic Chem / Lab (4.0/1.0)

One of the following:

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development/Lifespan (3.0)
- FCS 1500 Human Development/Lifespan (3.0)
- SOC 1010 Intro to Sociology (3.0)
- SOC 1020 Sociology of the Family (3.0)
- SOC 1200 Social Problems (3.0)

Students must complete specified prerequisite courses (and the CNA course) prior to admission to the Respiratory Therapy Program. Respiratory Therapy Program courses include 59 semester hours that must be completed sequentially. Student cohorts will be selected in May of each year and begin program coursework in August; students will be eligible for employment after graduation and meeting licensure requirements.

Degrees & Certificates

- Associate of Applied Science in Respiratory Therapy

Associate of Applied Science in Respiratory Therapy 78-81 credits

The Associate of Applied Science in Respiratory Therapy degree has three basic components:

1. Lower-division, General Education Requirements (15 - 18 credits).
2. Program Requirements (4 credits).
3. Discipline Core Requirements (59 credits).

General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra / Pre-Calculus (4.0)

Complete one of the following: 3.0-5.0

- CHEM 1010 Intro to Chemistry (3.0)
- CHEM 1110/1115 Elem General-Organic Chem / Lab (4.0/1.0)
Complete **one** of the following: 3.0

- PSY 1010 General Psychology (3.0)
- PSY 1100 Human Development/Lifespan (3.0)
- FCS 1500 Human Development/Lifespan (3.0)
- SOC 1010 Intro to Sociology (3.0)
- SOC 1020 Sociology of the Family (3.0)
- SOC 1200 Social Problems (3.0)

**Program Requirements**

Complete the following:

- BIOL 2420/2425 Human Physiology / Lab 3.0/1.0

**Discipline Core Requirements**

Complete **all** of the following:

**Semester I**

- RESP 1010 Intro to Resp Therapy & Medical Term 2.0
- RESP 2010 Cardiopulmonary Anatomy & Physiology 3.0
- RESP 2030 Intro to Pathophysiology 3.0
- RESP 2040 Respiratory Care Therapeutics I 3.0
- RESP 2041 Resp Care Therapeutics I Lab Practice 2.0
- RESP 2050 Intro to Respiratory Care Pharmacology 3.0

**Semester II**

- RESP 2060 Patient Assessment 2.0
- RESP 2065 Cardiopulmonary Pathophysiology 3.0
- RESP 2070 Respiratory Care Therapeutics II 3.0
- RESP 2071 Resp Care Therapeutics II Lab Practice 2.0
- RESP 2100 Clinical Practice I 5.0

**Semester III**

- RESP 2200 Cardiopulmonary Diagnostics 3.0
- RESP 2300 Intro to Mechanical Ventilation 3.0
- RESP 2301 Adult Mechanical Ventilation Lab 2.0
- RESP 2310 Clinical Practice II 5.0
- RESP 3005 Critical Care / ACLS 3.0

**Semester IV**

- RESP 2400 Alternative Site & Subacute Resp Care 1.0
- RESP 3020 Neonatal/Pediatric Respiratory Care 2.0
- RESP 3021 Neonatal / Ped Care Laboratory Practice 2.0
- RESP 3100 Clinical Practice III 5.0
- RESP 3150 Critical Thinking Seminar/NBRC Review 2.0

**Graduation Requirements**

1. Complete a minimum of 78 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C- or higher in all Discipline Core Requirements.
SURGICAL TECHNOLOGY PROGRAM
303 Taylor Health Science Bldg.
(435) 879-4810

Program Coordinator
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Department Secretary
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(435) 879-4810

Health Science Advisor
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(435) 879-4809

School of Nursing & Allied Health
Dean:
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grady@dixie.edu
(435) 879-4850

Administrative Assistant
Ruth Bruckert
Office: 207 Taylor Health Science Bldg.
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(435) 879-4800

Program Description
The Dixie State College Surgical Technology Certificate Program is taught in conjunction with Intermountain Healthcare Dixie Regional Medical Center in St. George, Utah. The Surgical Technology curriculum will prepare the student to enter into the health care industry at the entry level as a Surgical Technologist with career opportunities in hospitals, central processing, central supply, surgical centers, ambulatory care centers, eye centers, gastroenterology centers, and sales. The purpose of the Surgical Technology Program is to meet the needs of the health care community by providing graduates to enter into the health care environment as an entry level Surgical Technologists.

Admission
Applicants will be admitted into the program without discrimination in regards to age, sex, creed, ethnic origin, or marital status. Space in the program is limited. Applications are due June 15th for admission to the two-semester program that begins each Fall. More application information can be found at http://www.dixie.edu/health/surgical_technology/index.php.

Required application information:
• Prerequisite courses (Average GPA C or higher required)
• PSB – Health Occupations Aptitude Test
• Personal references (2)
• Personal letter
• Personal interview with members of the Surgical Technology Admissions Committee.
• Health care work experience.

Required Prerequisite Courses
• BIOL 2350/2325 Human Anatomy / Lab (3.0/2.0)
• ENGL 1010 Intro to Writing (3.0)
• HLOC 1000 Medical Terminology (2.0)
• MATH 1010 Intermediate Algebra (4.0)

Average GPA of 2.0 (C) or higher in prerequisite courses required.
Health & Other Requirements
Students accepted into the Surgical Technology program will be required to meet certain health and safety standard. These are required by the clinical facilities. Health care provider CPR certification is required. Immunization and other health requirements, drug screen, and background check are required after the acceptance into the program.

Facilities
The Surgical Technology Program is located in the Russell Taylor Health Science Building and is equipped with a smart class room, mock operating room, and mock central processing department. Clinical rotations are available in hospitals, ambulatory surgical centers, and eye centers.

Accreditation
The Dixie State College Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), which may be contacted at:

Commission on Accreditation of Allied Health Education
1361 Park Street
Clearwater FL 33756
(727) 210-2350

Degrees & Certificates
- Surgical Technology Certificate

Surgical Technology Certificate 44 credits

General Education Requirements
Complete the following:
- ENGL1010 Intro to Writing 3.0
- MATH 1010 Intermediate Algebra 4.0

Program Requirements
Complete the following:
- BIOL 2320/2325 Human Anatomy / Lab 3.0/2.0
- HLOC 1000 Medical Terminology 2.0

Core Discipline Requirements
Complete all of the following:

Semester I
- SURG 1050 Surgical Technology 15.0
- SURG 1055 Surgical Technology Lab 0.0
- SURG 1060 Surgical Technology Clinic 0.0

Semester II
- SURG 1070 Adv Surgical Technology 15.0
- SURG 1075 Adv Surgical Technology Lab 0.0
- SURG 1080 Adv Surgical Technology Clinic 0.0

Graduation Requirements
1. Complete a minimum of 44 college-level credits (1000 and above).
2. Complete at least 20 upper-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in each Core Discipline Requirement course.
THEATRE PROGRAM
Dolores Doré Eccles Fine Arts Center
(435) 652-7790

Department Chair
Dr. Brent Hanson
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(435) 652-7792

Department Secretary
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(435) 652-7790

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(435) 7725

Assistant Professor
Monica Hart
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(435) 652-7793

Assistant Professor
Brent Innes
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innes@dixie.edu
(435) 652-7890

School of Arts and Letters
Dean:
Dr. Donald Hinton
Office: 119 Browning Bldg.
Hinton@dixie.edu
(435) 652-7651

Department Description
The mission of the Dixie State College Theatre program is to provide the necessary tools for students to become well-rounded artists, scholars, and life-long learners. This is realized by combining comprehensive theatrical training with a strong liberal arts curriculum. Using this knowledge and experience, students exit the program able to integrate their knowledge and ongoing research with their insights into the human condition. This mission is available to and provided for any and all DSC students, regardless of major.

No theatrical performance can be complete without an audience. Through its production season, this program will give the Theater student a range of design and performance opportunities. It will also provide the general student body with historically and culturally diverse experiences which will broaden their educational experiences and provide a rich array of theatrical performances for the growth, entertainment, and intellectual stimulation of the community at large.

DSC Theatre students have fared well in regional and national competitions. Most recently in April 2010, Whitney Morgan Cox won the Ryan National Acting Competition at the Kennedy Center American College Theater Festival (KCACTF) in Washington, D.C., was awarded the coveted Irene Ryan Scholarship, and was named the nation’s top collegiate actor.

The goals of the DSC Theatre Department are

1. To produce well rounded artist/scholars.
2. To enhance the cultural and intellectual life of our campus and community
3. To provide service to our institution, community and profession.
4. To support and encourage the growth and development of our faculty and staff
5. To develop a regionally prominent liberal arts theatre training program.
6. To assist the alumni, and facilitate communication between generations of DSC Theatre graduates.
Departmental and Scholarship Requirements

DSC Theatre welcomes all native and transfer students to its course of study. Previous experience in theatre is not required. Students who are on Theatre scholarships or who declare Theatre majors will be expected to be active participants in the program. This includes actively working to complete the Theater core courses and General Education requirements, participating in productions as cast or assigned, and attending department meetings and work calls. No grade less than “C” will be accepted as meeting the Theatre degree requirements in any Theater class. No required Theatre classes may be taken on a pass-fail basis. Students on scholarship must attend department juries as scheduled, and must maintain a comprehensive 2.5 GPA.

Degrees & Certificates

- Bachelor of Arts in Theatre
- Bachelor of Science in Theatre

Bachelor of Arts in Theatre 120 credits

The Bachelor of Arts in Theatre has five basic components:

1. Lower-division, General Education Requirements (31 – 36 credits).
2. Foreign Language Requirement (16 credits).
3. Core Discipline Requirements (32 credits).
4. Discipline Depth Requirements (15 credits)
5. Other Electives (up to 26 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0
Complete the following:

- Credits in a single foreign language through college courses, vertical credit, or examination 16.0

**Core Discipline Requirements**

Complete all of the following:

- THEA 1001 Intro to Theatre Studies 1.0
- THEA 1033 Acting I 3.0
- THEA 1113 Voice and Diction 3.0
- THEA 1513 Stage Craft 3.0
- THEA 1713 Script Analysis 3.0
- THEA 2003 Costume Construction 3.0
- THEA 3720 Theatre History & Literature I 3.0
- THEA 3730 Theatre History & Literature II 3.0
- THEA 4980 Senior Project 3.0

Complete one of the following:

- THEA 3600 Directing I 3.0
- THEA 3880 Stage Management (3.0)

Complete a minimum of 4 credits from the following 4.0

(2 credits lower-division and 2 credits upper-division):

- THEA 1150 – 1180 Theatre Workshop (0.5 – 1.0)
- THEA 2150 – 2180 Theatre Workshop (0.5 – 1.0)
- THEA 3150 – 3180 Theatre Workshop (0.5 – 1.0)
- THEA 4150 – 4180 Theatre Workshop (0.5 – 1.0)

**Discipline Depth Requirements**

Complete a minimum of 15 credits from the following 15.0

- THEA 1223 Stage Makeup (3.0)
- THEA 2033 Acting II (3.0)
- THEA 2043 Acting III (3.0)
- THEA 2053 Classical Acting (3.0)
- THEA 2210 Scene Design I (3.0)
- THEA 2220 Children’s Theatre (3.0)
- THEA 2230 Lighting Design I (3.0)
- THEA 2240 Costume Design I (3.0)
- THEA 3033 Acting Studio: Musical Theatre (3.0)
- THEA 3043 Acting Studio: Acting for the Camera (3.0)
- THEA 3113 Accents and Dialects (3.0)
- THEA 3223 Stage Makeup II (3.0)
- THEA 3250 Sound Design (3.0)
- THEA 3260 Scene Painting (3.0)
- THEA 3500 Sound Technology (3.0)
- THEA 3610 Directing II (3.0)
- THEA 4033 Acting Studio: Mask (3.0)
- THEA 4043 Acting Studio: Stage Combat (3.0)
- THEA 4390 Costume History (3.0)
- THEA 4410 Scene Design II (3.0)
- THEA 4430 Lighting Design II (3.0)
- THEA 4660 Study of Period Styles & Décor (3.0)
Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in each Core Discipline and Discipline Depth Requirement course.

Bachelor of Science in Theatre 120 credits

The Bachelor of Science in Theatre has four basic components:

1. Lower-division, General Education Requirements (31 – 36 credits).
2. Core Discipline Requirements (32 credits).
3. Discipline Depth Requirements (15 credits)
4. Other Electives (up to 42 credits).

General Education

All DSC General Education requirements must be fulfilled. A previously earned degree may fulfill those requirements. However, courses must be equivalent to DSC’s minimum General Education standards in the following subjects:

- American Institutions
- English
- Mathematics

DSC General Education Requirements

Complete all of the following:

- ENGL 1010 Intro to Writing 3.0
- ENGL 2010 Intermediate Writing 3.0
- CIS 1200 Computer Skills 3.0
- LIB 1010 Information Literacy 1.0

Complete one of the following: 3.0-4.0

- MATH 1030 Quantitative Literacy (3.0)
- MATH 1040 Intro to Statistics (3.0)
- MATH 1050 College Algebra /Pre-Calculus (4.0)

Complete the following:

- American Institutions GE approved course 3.0
- Life Sciences GE approved course 3.0-5.0
- Physical Science GE approved course 3.0-5.0
- Social & Behavioral Sciences GE approved course 3.0
- Fine Arts / Communication GE approved course 3.0
- Literature / Humanities GE approved course 3.0

Core Discipline Requirements

Complete the following:

- THEA 1001 Intro to Theatre Studies 1.0
- THEA 1033 Acting I 3.0
- THEA 1113 Voice and Diction 3.0
- THEA 1513 Stage Craft 3.0
- THEA 1713 Script Analysis 3.0
- THEA 2003 Costume Construction 3.0
- THEA 3720 Theatre History & Literature I 3.0
• THEA 3730 Theatre History & Literature II 3.0
• THEA 4980 Senior Project 3.0

Complete one of the following:

• THEA 3600 Directing I 3.0
• THEA 3880 Stage Management (3.0)

Complete a minimum of 4 credits from the following (2 credits lower-division and 2 credits upper-division):

• THEA 1150 – 1180 Theatre Workshop (0.5 – 1.0)
• THEA 2150 – 2180 Theatre Workshop (0.5 – 1.0)
• THEA 3150 – 3180 Theatre Workshop (0.5 – 1.0)
• THEA 4150 – 4180 Theatre Workshop (0.5 – 1.0)

Discipline Depth Requirements

Complete a minimum of 15 credits from the following:

• THEA 1223 Stage Makeup (3.0)
• THEA 2033 Acting II (3.0)
• THEA 2043 Acting III (3.0)
• THEA 2053 Classical Acting (3.0)
• THEA 2210 Scene Design I (3.0)
• THEA 2220 Children’s Theatre (3.0)
• THEA 2230 Lighting Design I (3.0)
• THEA 2240 Costume Design I (3.0)
• THEA 3033 Acting Studio: Musical Theatre (3.0)
• THEA 3043 Acting Studio: Acting for the Camera (3.0)
• THEA 3113 Accents and Dialects (3.0)
• THEA 3223 Stage Makeup II (3.0)
• THEA 3250 Sound Design (3.0)
• THEA 3260 Scene Painting (3.0)
• THEA 3500 Sound Technology (3.0)
• THEA 3610 Directing II (3.0)
• THEA 4033 Acting Studio: Mask (3.0)
• THEA 4043 Acting Studio: Stage Combat (3.0)
• THEA 4390 Costume History (3.0)
• THEA 4410 Scene Design II (3.0)
• THEA 4430 Lighting Design II (3.0)
• THEA 4660 Study of Period Styles & Décor (3.0)

Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits.
3. Complete at least 30 upper-division credits at DSC for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C or higher in each Core Discipline and Discipline Depth Requirement course.
DIXIE STATE COLLEGE OF UTAH
Faculty Credentials (2010-2011)

- BANKS, Clare (2005) Associate Professor of Math; B.A., 1995, Southern Utah University; M.A., 1997, Brigham Young University; Ph.D., 2005, University of Northern Colorado.

• BRIGGS, Robert (2007) Assistant Professor of Music; B.A., 1979, University of Idaho; M.M., 1986, Bowling Green State University; D.A., 1995, University of Northern Colorado.

• BRINGHURST, Kelly N. (1988) Associate Professor of Geology; B.S., 1984, Brigham Young University; M.S., 1987, University of California, Riverside.

• BRYANT, Debra (2009) Assistant Professor of Business; B.A., 1980, Simon Fraser University; M.S., 1991, Utah State University; Ph.D., 2008, University of Nebraska, Lincoln.

• BUCKNER, Cari (2008) Assistant Professor of Early Childhood Education; B.S., 1979, Brigham Young University; M.Ed., 1993, Ed.D., 2009, Utah State University.


• CALDWELL, Gary J. (1979) Associate Professor of Music; B.S., 1979, Brigham Young University; M.M., 1986, Northern Arizona University.


• CARLSON, Robert (2008) Assistant Professor of Psychology; B.A., 1992, California State University, Fresno; Ph.D., 1998, University of California, Irvine.

• CEBALLOS, Leonor (2007) Assistant Professor of Foreign Language; B.A., 2000, Universidad de Deusto (Bilbao, Spain); M.A., 2003, Ph.D., 2007, University of Nebraska, Lincoln.


• CIACCIO, Jennifer (2008) Assistant Professor of Biology; B.S., 1991, Villanova University; M.S., 1993, University of Arizona; Ph.D., 2007, University of Miami.


• CRENSHAW, Cheri (2008) Assistant Professor of English, B.A., 1999, University of Maryland; M.A., 2002, Midwestern State University; Ph.D., 2008, Texas Woman’s University.


• DECKER, Ross (1998) Associate Professor of Mathematics; B.A. 1984, Arizona State University; M.A., 1994, Brigham Young University.


• EDWARDS, Jane (2008) Assistant Professor of Nursing; B.S., 2003, Lewis Clark State College; M.S., 2008, Idaho State University.

• EDWARDS, Randall C. (2008) Assistant Professor of Physical Therapist Assistant; B.S., 1982, Loma Linda University; M.Ed., 2002, University of Idaho.

• EICHER, Timothy P. (1989) Associate Professor of Family Consumer Sciences and Education; B.A., 1974, California State University, Sonoma; M.Ed., 1991, Utah State University.


• FELLER, David C. (1994) Professor of Chemistry; B.A., 1984, Southern Utah University; Ph.D., 1989, Brigham Young University.

• FLOERCHINGER, Sherry (2005) Associate Professor of Medical Radiography; B.A. 1991, Southern Illinois University; M.A. 1998, University of New Mexico.


• GREEN, Joe A. (1978) Associate Professor of History, Political Science and Economics; B.S., 1975; M.S., 1978, Utah State University.


• HANSEN, Janet L. (1992) Associate Professor of Math; B.S., 1983; M.A., 1988, Murray State University.


• HAUCK, Nancy (2005) Assistant Professor of Elementary Education; B.A., 1988, Southern Utah University; M.A., 1992, Pacific University.


• HUNT, Kristin (2008) Assistant Professor of Communication; B.S., 1977, University of Colorado; M.S., 1994, Ph.D., 2001, University of Idaho.

• HUNT, Lynn R. (1985) Associate Professor of Mathematics; B.S., 1973, Utah State University, M.S., 1984, Oregon State University.


• JARET, Chizu (2006) Associate Professor of Elementary Education; B.A., Meijigakuin University (Japan); M.S., 1994, Florida International University; Ph.D., 2007, University of Nevada, Las Vegas.


• JENSEN, Melvin (2002) Assistant Professor of Automotive Technology; B.S., Idaho State University.


• JOHNSON, Demaree (1993) Associate Professor of Family Consumer Sciences and Education; B.S., 1974, Utah State University; M.S., 1983, Michigan State University.


• JONES, David (2005) Assistant Professor of Biology; B.A., 1999, Ohio State University; M.S., 2003, Vanderbilt University.

• JONES, John (2005) Associate Professor of Psychology; B.A., 1996, Idaho State University; Ph.D., 2003, State University of New York, Buffalo.


• JULIAN, W. Scott (2008) Assistant Professor of Criminal Justice; B.A., 1976, Central Oklahoma State University; J.D., 1981, Oklahoma City University.


• KLEIN, Mary K. (2008) Assistant Professor of Medical Radiography; B.S., 1986, University of Nevada Las Vegas; M.S., 1997, College of St. Francis.


• LARSEN, DeAnne (2008) Assistant Professor of Nursing; B.S., 1985, California State College, Bakersfield; M.S., 2006, University of Phoenix.

• LARSEN-RIFE, Dannelle (2009) Assistant Professor of Psychology; B.A., 1998, California State University, San Bernardino; Ph.D., 2006, University of California, Davis.

• LEE, Philip B. (1979) Professor of Business; B.S., 1979, Southern Utah University; M.S., 1984, Utah State University; Ed.D, 2001, Northern Arizona University.
• LEI, Li, (2000) Professor of Dance; B.S., 1982, Southwest Normal University (Chongqing, P.R. China); M.S., 1986, Sichuan Normal University (Chengdu, P.R. China); M.S., 1994, Brigham Young University; Ph.D., 1999, New York University.


• LOUNSBOURY, John (1997) Associate Professor of Developmental Reading; B.A., 1981, California State Polytechnic University; M.A., 1989, Claremont Graduate School.

• MAHMUD, Munir (2006) Professor of Economics; B.S., 1985, University of Dhaka (Bangladesh); M.S., 1988, University of Dhaka; M.S., 1992, Ph.D., 1997, University of Illinois, Urbana-Champaign.


• MCNEILIS, Thomas (2004) Associate Professor of Biology; B.S., 1968, Brigham Young University; M.T., 1969, United States Army; M.S., 1972, University of North Dakota; D.O., 1977, Midwestern University (Chicago); Ob/Gyn, 1982, Michigan State University, Grand Rapids; Fellowship, 1987 Ob/Gyn.

• MESA, Candace (1997) Associate Professor of Developmental Composition; B.A., 1975, University of Redlands; M.A., 1980, Northern Illinois University; Post-graduate, 1995, California State University, San Bernardino.


• NIELSON, Robert (2010) Assistant Professor of Computer Science; B.S., 1983, Southern Utah University; M.S., 2005, Utah State University; D.C.S., 2009, Colorado Technical University.


• O’NEAL, Vicky L. (2008) Assistant Professor of Nursing; B.S., 1996, University of Maryland, Catonsville; M.S., 2002, University of Maryland, Baltimore.


• RAHILLY, Michael (2010) Assistant Professor of Psychology; B.S., 1990, Virginia Polytechnic Institute & State University; Ph.D., 2003, University of California, Davis.


• RICHARDS, Andrea (2010) Assistant Professor of Communication; B.A., 2004, Michigan State University; M.A., 2006, University of Montana, Missoula; Ph.D., 2009, University of Texas, Austin.


• ROSS, Russell (2007) Assistant Professor of Computer Science; B.A., 2001, Harvard University; Ph.D., 2007, University of Cambridge.


• SHAMO, G. Wayne (2007) Professor of Communication; B.S., 1962, Brigham Young University; M.S., 1965, Ph.D., Southern Illinois University, Carbondale.


• SMITH, Del (2007) Associate Professor of Biology; B.S., 1991, Southern Utah University; M.S., 1994, Ph.D., 2000, Brigham Young University.


• STANDER, Barton (2000) Professor of Computer Science; B.S., 1991; M.S., 1992, Brigham Young University; Ph.D., 1997, Washington State University.


• STRATTON, William (2006) Professor of Accounting; B.S., Florida State University; B.S., Pennsylvania State University; M.S.B.A., Boston University; Ph.D., Claremont Graduate University.

• SULLIVAN, Steven K. (1996) Associate Professor of Physics; B.S., 1990, Utah State University; M.S., 1994, Brigham Young University.

• SWIFT, Phyllis (2004) Associate Professor of Nursing; B.S., 1974, University of Colorado; M.S., 1982, University of Missouri.

• TALBOT, Marie J. (2008) Assistant Professor of Nursing; B.S.N., Loma Linda School of Nursing; M.S.N., 2004, University of Phoenix.

• TALMAN, Martha (2001) Associate Librarian; B.S., 1979, Utah State University; M.L.S., 2002, Emporia State University.
- van der MERWE, Marius (2007) Assistant Professor of Biology; B.S., 1990, M.S., 1995, University of Pretoria (South Africa); Ph.D., 2004, University of Illinois, Chicago.
- VANVALKENBURG, Peter (1984) Associate Professor of Geology; B.S., 1974, Brigham Young University; M.S., 1988, Northern Arizona University.
- WARNER, Donald (2005) Assistant Professor of Biology; B.A., 1976, M.A., 1979, Brigham Young University; Ph.D., 1986, Texas A&M University.
- WREDE, Theda (2006) Associate Professor of English; M.A. 2000, Georg-August-Universitat (Germany); Ph.D., 2006, University of South Carolina.

THE FACULTY EMERITI
- C. Paul Andersen, Theatre Arts (1995)
- Nolan Ashman, Psychology (2009)
- Lee Bunnell, Science (2005)
- Paul M. Crosby, Geology (1985)
- Arza C. Evans, Economics (1998)
- Edwin W. Frantz, Automotive Technology (2002)
- Ronald Garner, Music (2009)
• Delmar D. Gott, English, Business (1988)
• Rowena Hammond, Business (2006)
• V. Lowell Hansen, Aviation (2001)
• John F. Heppler, Biology (2005)
• L. Grant Hinckcliff, Mathematics (1986)
• Fred L. Howes, Physics (1996)
• Delora P. Hunt, Business (1999)
• Garn O. Huntington, Aviation (1994)
• Janice M. Klein, English (2001)
• Allan B. Laidlaw, Psychology (1988)
• Daniel W. Miles, Chemistry (2001)
• Susan Mower, Business (2006)
• Dona K. Parkinson, Home Economics (1988)
• Allan D. Payne, English (2005)
• Robert E. Perry, Accounting (1993)
• Rulon H. Petty, Auto Body (1983)
• Kathleen Pope, Psychology (2005)
• Dana R. Pratt, English (1983)
• Howard H. Putnam, Music (1987)
• Sharon F. Robinson, Inflight Services (1997)
• Patricia Roper, Physical Education (2000)
• Max H. Rose, Mathematics (2003)
• Sandra L. Sandberg, Family Studies (2005)
• Robert A. Slack, History (2000)
• Jay Slade, Graphic Arts (2009)
• Brent E. Snow, Business (2005)
• Val C. Stauffer, Computer Information Technology (2000)
• Ira C. Stone, Jr., Mathematics (1986)
• Don C. Tait, Drafling Technology (1994)
• B. Don Taylor, Business (1984)
• Lois D. Thomas, English (1987)
• Michael Woodward, Communication (2007)

PRESIDENTS OF THE COLLEGE

• 1911 – 1918     Hugh M. Woodward
• 1918 – 1920     Erastus S. Romney
• 1920 – 1923     Joseph K. Nicholes
• 1923 – 1927     Edgar M. Jenson
• 1927 – 1933     Joseph K. Nicholes
• 1933 – 1938     B. Glen Smith
• 1938 – 1950     Glenn E. Snow
• 1950 – 1951     Mathew M. Bentley
• 1951 – 1954     Ellvert H. Himes
• 1954 – 1964     Arthur F. Bruhn
• 1964 – 1976     Ferron C. Losee
• 1976 – 1980     Wm. Rolfe Kerr
• 1980 – 1986     Alton L. Wade
• 1986 – 1993     Douglas D. Alder
• 1993 – 1905     Robert C. Huddleston
• 2005 – 1908     Lee G. Caldwell
• 2008 –         Stephen D. Nadauld
Course Descriptions
ACADEMIC SUPPORT (ASC)

ASC 1001 First Year Experience 1.00 CR
Strongly recommended for entering freshmen and transfer students with 0 - 24 credits. The course is designed to help students adapt to college life and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities. Open major sections will include information about choosing a major or area of study.
FA, SP, SU

ASC 1020 Success Skills 1.00 CR
For students wanting to enhance their opportunities for success in and out of college. The course is designed to help students take charge of their own learning and develop competency in the skills essential for excelling. Lectures, discussion, and class projects focus on self-esteem, time management, reading textbooks, listening and note taking, preparing for and taking tests. Through notebooks, projects and class goals, students will demonstrate improvement in the aforementioned skill areas.
FA, SP

ASC 2990 Seminar in Academic Support 0.50 - 3.00 CR
For students wishing instruction that is not available through other regularly scheduled courses in this discipline. Occasionally, either students request some type of non traditional instruction, or an unanticipated opportunity for instruction presents itself. This seminar course provides a variable credit context for these purposes. As requirements, this seminar course must first be pre approved by the department chair; second, it must provide at least nine contact hours of lab or lecture for each credit offered; and third, it must include some academic project or paper (i.e., credit is not given for attendance alone). This course may include standard lectures, travel and field trips, guest speakers, laboratory exercises, or other nontraditional instruction methods. Note that this course in an elective and does not fulfill general education or program requirements. Fees may be required for some seminar courses and instructor permission will be optional at the request of the instructor.

ACCOUNTING (ACCT)

ACCT 1010 Applied Business Accounting 2.00 CR
For non accounting majors, introduces basic bookkeeping practices through the complete accounting cycle for hospitality and service companies.
FA, SP

ACCT 1800 Accounting Work Experience 1.00 - 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

ACCT 1810 Accounting Work Experience 1.00 - 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA, SP, SU

ACCT 1820 Accounting Work Experience 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

ACCT 2010 Financial Accounting 3.00 CR
Required of students pursuing majors and emphases in the School of Business, and open to other interested students. Introduces basic concepts of financial accounting, covering complete accounting cycle for service and merchandise companies, including depreciation, accounts receivable, and inventory.
FA, SP, SU

ACCT 2020 Managerial Accounting 3.00 CR
Required of students pursuing majors and emphases in the School of Business, and open to other interested students. Introduction to managerial accounting principles, including product costing, cost volume profit analysis, profit planning, capital budgeting, and financial statement analysis.
Prerequisites: ACCT 2010; AND CIS 1200.
FA, SP, SU

ACCT 3000 Accounting for Management 4.00 CR
For students in the AVIA program. Covers basic concepts and principles of financial and managerial accounting, focusing on the complete accounting cycle for service and merchandise companies, including depreciation, accounts receivable, inventory, product costing, cost volume profit analysis, profit planning, capital budgeting, and financial statement analysis.
Prerequisites: CIS 2010; AND Admission to Dixie State College Aviation Management program.
Offered in rotation in Aviation Management degree completion program.

ACCT 3010 Intermediate Accounting I 3.00 CR
Required of students pursuing a degree or emphasis in Accounting. Covers conceptual framework of accounting; reviews the accounting process; reviews accounting statements including the income statement, balance sheet, and statement of cash flows, and includes an in depth coverage of revenue recognition, accounting changes and error correction, and financial statement analysis.
Prerequisites: ACCT 2020; AND Advanced standing.
FA, SP, SU

ACCT 3020 Intermediate Accounting II 3.00 CR
Required of students pursuing a degree or emphasis in Accounting. Covers accounting for current and long term assets, including accounts receiv-
able, inventories, operating assets, and investments; accounting for current and long term liabilities, including contingent liabilities, debt securities, and leases; and accounting for equity transactions, including capital stock issuance and reacquisition, stock rights and options, and dividends. Prerequisites: ACCT 3010; AND Advanced standing.

FA, SP

ACCT 3050 Accounting Information Systems 3.00 CR
Required of students pursuing degrees in the School of Business. Covers information systems solutions to business problems and accounting systems concepts fundamental to the support of business processes in the operational, strategic, and decision making roles of management. Includes accounting systems design and development, control issues, system security, and maintenance. Emphasizes end user applications of management information systems, challenges of managing information technology, and using MIS as a strategic management tool. Prerequisites: ACCT 2020 (can be concurrently enrolled); AND CIS 2010 (can be concurrently enrolled); AND Advanced standing.

FA, SP, SU

ACCT 3300 Cost Accounting 3.00 CR
Required of students pursuing a degree or emphasis in Accounting. Covers the analysis of costs in a business organization for both internal and external use by management. Includes job order and product costing, standard variances analysis, profit performance analysis, labor costing, cost volume profit analysis, budgeting, and capital building. Prerequisites: ACCT 3010; AND Advanced standing.

FA, SP

ACCT 3400 Tax Accounting I 3.00 CR
Required of students pursuing a degree or emphasis in Accounting. Covers current federal and state income tax laws and the preparation of individual income tax returns, emphasizing analysis and interpretation of tax rules and their practical application as well as researching tax laws and rules. Prerequisites: ACCT 3010; AND Advanced standing.

FA, SP

ACCT 3600 Accounting Practicum 3.00 CR
Required of students pursuing a degree in Accounting. Provides accounting students with an experiential learning environment that will place them in real life, small business practice settings wherein Accounting software to will be used to prepare financial statements and analyses, for tax compliance and planning, and in the application of audit techniques. Prerequisites: ACCT 3400; AND Advanced standing.

FA, SP

ACCT 4030 Advanced Accounting 3.00 CR
Required of students pursuing a degree or emphasis in Accounting. Covers the nature and financial reporting aspects of these complex business transactions, including accounting for business combinations and consolidations, joint ventures and foreign currency translations and segment reporting, as well as the unique accounting and financial reporting issues facing not for profit organizations and governmental entities. Prerequisites: ACCT 3620; AND Advanced Standing.

FA, SP

ACCT 4100 Auditing 3.00 CR
Required of students pursuing a degree or emphasis in Accounting. Covers auditing standards, internal accounting, control systems, compliance and substantive audit procedures applied to accounts and transaction cycles, and audit reports. Reviews the auditing concepts of materiality and risk, types of evidence and documentation, and introduces the ethical and legal responsibilities of the Certified Public Accountant. Prerequisites: ACCT 3400; AND Advanced standing.

FA, SP

ACCT 4400 Tax Accounting II 3.00 CR
Required of students pursuing a degree in Accounting. Examines concepts and methods of determining the federal tax liability of corporations, S corporations, partnerships, estates, and trusts with special attention to the application of the law using electronic practitioner research tax databases and tax return preparation software. Prerequisites: ACCT 3400; AND Advanced standing.

FA, SP

ACCT 4890 Accounting Internship I 1.00 – 3.00 CR
Internship experiences for students pursuing a degree or emphasis in Accounting. Variable credit 1.0 – 3.0. Repeatable up to 3 credits subject to graduation restrictions. Prerequisites: ACCT 2020; AND Advanced standing; AND Instructor permission.

FA, SP, SU

ACCT 4891 Accounting Internship II 1.00 – 3.00 CR
Internship experiences for students pursuing a degree or emphasis in Accounting. Variable credit 1.0 – 3.0. Repeatable up to 3 credits subject to graduation restrictions. Prerequisites: ACCT 4890; AND Instructor permission.

FA, SP, SU

AMERICAN SIGN LANGUAGE (ASL)

ASL 1010 Beginning American Sign Lang I 4.00 CR
For beginning students interested in American Sign Language. Emphasizes principles, methods, and techniques of communicating manually with deaf individuals. Teaches basic receptive and expressive skills, overviews basic grammatical structure in signing, and explores deaf culture. A variety of teaching methods are employed, including drills, videos, and work in pairs. This course partially qualifies students to receive an Associate of Arts degree or Bachelor of Arts degree for some majors. Successful completers are prepared to take ASL 1020.

FA

ASL 1020 Beginning American Sign Lang II 4.00 CR
For students interested in American Sign Language who have completed ASL 1010 or who have equivalent experience (approximately two years of high school ASL). Emphasizes principles, methods, and techniques of communicating manually with deaf individuals. Continues the development of basic conversational skills with emphasis on the receptive skills, grammatical features, vocabulary development, and cultural awareness. Varied methods are used to teach the class, including drills, videos, and work in pairs. Students using 1020 as an entry level class may receive vertical credits for ASL 1010 upon passing 1020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts degree or Bachelor of Arts degree for some majors. Successful completers are prepared to take ASL 1020.

Prerequisite: ASL 1010 or instructor permission.

SP
ASL 2010 Intermediate American Sign Lang I 4.00 CR
For intermediate level students who have taken ASL 1020, or for students with equivalent experience (four or more years of high school ASL). Continued emphasis on communicative competence, including both expressive and receptive abilities, as well cultural awareness. Students using 2010 as an entry level class may receive vertical credits for lower level classes upon passing 2010 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts degree or Bachelor of Arts degree for some majors. Successful completers are prepared to take ASL 2020.
Prerequisite: ASL 1020 or instructor permission.
FA, SP, SU

ASL 2020 Intermediate American Sign Lang II 4.00 CR
For intermediate level students who have taken ASL 2010. Continued emphasis on communicative competence, including both expressive and receptive abilities, as well cultural awareness. Students using 2020 as an entry level class may receive vertical credits for lower level classes upon passing 2020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts degree or Bachelor of Arts degree for some majors.
Prerequisite: ASL 2010 or instructor permission.
SP

ANTHROPOLOGY (ANTH)

ANTH 1000 Intro to Anthropology 3.00 CR
Fulfills a General Education Social & Behavioral Science requirement. Teaches students what anthropology is, what anthropologists do, and how anthropology is applied. Course focuses on the sub disciplines of anthropology including cultural anthropology, archeology, physical anthropology, and linguistics.
FA, SP

ART (ART)

ART 1010 Intro to Art 3.00 CR
Fulfills General Education Fine Arts requirement. Includes identification of major art forms, brief survey of art history, investigation of art criticism, introduction of various media, and identification of elements and principles of art.
FA, SP, SU

ART 1050 Intro to Photography 3.00 CR
For all students interest in basic photographic technique and principles. Covers image, lighting, composition, basic camera operation and darkroom lab work. Hands on course, allowing exploration of individual areas of interest. Requires out of class shooting assignments and access to non digital SLR camera. Fulfills prerequisite for ART 2050.
Course fee required.
FA, SP

ART 1100 Intro to Design 3.00 CR
Fulfills General Education Fine Arts requirement. Combined lecture / lab class for students with an interest in art and design, including fine art, graphic arts, interior design, computer art, photography, architecture, and more. Includes principles and elements of design using lectures, visual presentations, and studio experience.
Course fee required.
FA, SP, SU

ART 1110 Drawing and Composition 3.00 CR
Studio class for Art students and others interested in drawing. Stresses fundamentals of image based drawing, creativity, and elements of composition, using various techniques with black and white and color media in order to develop drawing skills in preparation for further study. Fulfills prerequisite to Art 2110.
Course fee required.
FA, SP, SU

ART 1120 2 Dimensional Design 3.00 CR
Foundational combined lecture/lab class for students pursuing fine art, graphic arts, interior design, computer art, photography, architecture, and other degrees, and open to other interested students. Covers principles and elements of two dimensional design, critical thinking, and analysis. Stresses critical thinking and analysis and includes studio exercises.
Course fee required.
SP

ART 1130 3 Dimensional Design I 3.00 CR
Combined lecture/lab class for students pursuing fine art, graphic arts, interior design, computer art, photography, architecture, and other degrees, and open to other interested students. Reviews fundamental design principles and techniques, including various design methods and their relationship to the conceptualization, development, and completion of three dimensional design projects. Stresses critical thinking and analysis and includes studio exercises.
Course fee required.
FA

ART 1800 Art Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

ART 1810 Art Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

ART 1820 Art Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before reg-
istration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

SU

ART 2050 Intermediate Photography 3.00 CR
Combined lecture / lab class for art students, and students interested in furthering their photography experience. Explores studio lighting, large format cameras, special effects, and advanced lab techniques through individual assignments, working toward portfolio creation. Fulfills prerequisite for ART 3050. Course fee required. Prerequisite: ART 1050.
FA, SP

ART 2060 Digital Photography 3.00 CR
For students interested in the history, mechanics, and applications of digital photography as well as basic photographic techniques and compositional skills. Includes lecture, viewing the work of master photographer, in and out of class assignments, and in class critiques. Each student must have access to digital camera.
FA, SP

ART 2110 Intermediate Drawing 3.00 CR
Studio class for art students, and students interested in furthering their drawing experience. Develops concepts and skills necessary for expressive drawing, including design, composition, the development of a personal mode of expression, and appreciation of master drawings and contemporary art forms. Fulfills prerequisite for ART 3110. Course fee required. Prerequisite: ART 1110.
SP

ART 2190 Intro to Sculpture 3.00 CR
Studio class for art students, and students interested in furthering their 3 dimensional design experience. Covers methods of sculpting with emphasis on design, self expression, critical thinking, and analysis, using lecture, visual images, field trips to sculptors’ studios, and studio practice. Fulfills prerequisite for ART 3190. Course fee required.
FA

ART 2210 Intro to Oil Painting 3.00 CR
Studio class for art students, and students interested in painting. Various techniques will be explored in lectures, demonstrations, and studio practice, and incorporated by students into their individual styles. Successful completers will be able to paint recognizable images and continue study in the medium. Fulfills prerequisite to ART 3210 and ART 4220. Course fee required.
FA, SP

ART 2250 Intro to Watercolor 3.00 CR
Studio class for art students, and students interested in watercolor painting. Explores creative approaches to watercolor, emphasizing image painting and experimentation using additive/subtractive elements of painting. Fulfills prerequisite to ART 3250. Course fee required.
FA, SP

ART 2270 Phenomenon of Color 3.00 CR
For art students and others interested in color. Explores various color theories and their interpretation and application in visual arts and design media, as well as color interaction, applied color skills, optical phenomenon, and development of the creative process. Fulfills prerequisite to ART 3430. Course fee required. SP

ART 2410 Intro to Life Drawing 3.00 CR
Studio class for art students and others interested in drawing human form. Explores various drawing techniques emphasizing greater accuracy in anatomical structure and form. Fulfills prerequisite to ART 3410. Course fee required.
FA, SP

ART 2420 Intro to Portrait 3.00 CR
Studio class for art students and others interested in portraiture using pastels. Explores various pastel painting techniques. Successful completers will be able to capture a good likeness with realistic color. Fulfills prerequisite to ART 3420. Course fee required.
FA, SP

ART 2570 Intro to Ceramics 3.00 CR
Studio class for art students and others interested in learning about and creating ceramics. Covers various methods of creating in clay with emphasis on throwing, hand building, decorating, and glazing; as well as the history of ceramics and contemporary ceramics. Fulfills prerequisite to ART 3570. Course fee required.
FA, SP, SU

ART 2900 Individual Studio Projects 1.00 – 4.00 CR
For students who have taken all the art classes in their area of emphasis or who desire in depth study in specialized areas. Students are closely supervised by appropriate faculty in the design and successful completion of the course. The course is dependent upon a formal contractual arrangement with the faculty member that is submitted at the beginning of the semester in which coursework is undertaken, and is contingent upon the department chair’s approval. Students meet with the faculty mentor each week and provide progress reports for feedback. Students are required to meet the college requirement of 45 hours of work per credit. Variable credit 1.0 – 4.0. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP, SU

ART 2910 Art Travel Study: So Calif 2.00 CR
Guided field trip to Los Angeles area museums and attractions helps students appreciate and refine art skills and offers opportunities to view art masterpieces in order to develop aesthetic appreciation as well as critical and analytical skills as demonstrated in reflective written work. Repeatable up to 4 credits subject to graduation restrictions. Course fee required or separate travel costs assessed.
FA, SP

ART 2920 Art Travel Study: North Calif 3.00 CR
Guided field trip to San Francisco and Bay area museums and attractions helps students appreciate and refine art skills and offers opportunities to view art masterpieces in order to develop aesthetic appreciation as well as critical and analytical skills as demonstrated in reflective written work. Repeatable up to 6 credits subject to graduation restrictions. Course fee required or separate travel costs assessed.
SP
## Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ART 2930</strong></td>
<td><strong>Art Travel Study: Europe</strong></td>
<td>4.00</td>
<td>Guided field trip to several European nations helps students appreciate and refine art skills and offers opportunities to experience other cultures and view art masterpieces in order to develop aesthetic appreciation as well as critical and analytical skills as demonstrated in reflective written work. Repeatable up to 8 credits subject to graduation restrictions. Course fee required or separate travel costs assessed.</td>
</tr>
<tr>
<td><strong>ART 3050</strong></td>
<td><strong>Advanced Photography</strong></td>
<td>3.00</td>
<td>Studio class for art students, and students interested in furthering their photography experience. Introduces studio practices and lighting for portraits and commercial products, as well as editorial skills and portfolio preparation. Course fee required. Prerequisite: ART 2050.</td>
</tr>
<tr>
<td><strong>ART 3060</strong></td>
<td><strong>Digital Comm Studio Photo</strong></td>
<td>3.00</td>
<td>Studio class for art students and others interested in further digital photography experiences. Includes work on individual studio lighting projects while gaining professional insights in studio photography and photo art direction. Students will work on multiple projects simultaneously. Course fee required. Prerequisite: ART 1020; or ART 1050; or ART 1110; or ART 2060. Offered based on sufficient student need.</td>
</tr>
<tr>
<td><strong>ART 3110</strong></td>
<td><strong>Creative Perspective Drawing</strong></td>
<td>3.00</td>
<td>Studio class for art students, and students interested in furthering their drawing experiences with more individualized conceptual and subject variation. Fulfills prerequisite for ART 4110. Course fee required. Prerequisite: ART 2110.</td>
</tr>
<tr>
<td><strong>ART 3130</strong></td>
<td><strong>3D Design II</strong></td>
<td>3.00</td>
<td>Combined lecture / studio class for art students and others interested in art and design. Reviews fundamental design principles and techniques. Covers various design methods and their relationship to the conceptualization, development, and completion of three dimensional design projects while emphasizing critical thinking and analysis. Course fee required. Prerequisite: ART 1130.</td>
</tr>
<tr>
<td><strong>ART 3190</strong></td>
<td><strong>Intermediate Sculpture</strong></td>
<td>3.00</td>
<td>Studio class for art students, and students interested in further 3 dimensional design experience. Includes further exploration of sculpting methods with emphasis on design, self expression, critical thinking, and analysis, using lecture, visual images, field trips to sculptors’ studios, and studio practice. Fulfills prerequisite for ART 4190. Course fee required. Prerequisite: ART 2190.</td>
</tr>
<tr>
<td><strong>ART 3210</strong></td>
<td><strong>Head &amp; Figure Painting</strong></td>
<td>3.00</td>
<td>Studio class for art students and other interested in further painting experiences. Covers constructing a painting, including steps and techniques such as drawing shapes; using size, angle, and position; drawing values; and applying dark, middle, and light colors. Successful completers will be able to paint recognizable images and continue study in the medium. Successful completers will paint a portrait showing a likeness and be prepared for further study. Fulfills prerequisite for ART 4210. Course fee required. Prerequisite: ART 2210. FA, SP</td>
</tr>
<tr>
<td><strong>ART 3250</strong></td>
<td><strong>Intermediate Watercolor</strong></td>
<td>3.00</td>
<td>Studio class for art students, and students interested further watercolor painting. Explores creative approaches to watercolor, emphasizing image painting and experimentation using additive / subtractive elements of painting. Fulfills prerequisite to ART 4250. Course fee required. Prerequisite: ART 2250. SP</td>
</tr>
<tr>
<td><strong>ART 3410</strong></td>
<td><strong>Intermediate Life Drawing</strong></td>
<td>3.00</td>
<td>Studio class for art students and others interested in further study in drawing the human form. Explores various drawing techniques, emphasizing greater accuracy in anatomical structure and form. Fulfills prerequisite for ART 4410. Course fee required. Prerequisite: ART 2410. FA, SP</td>
</tr>
<tr>
<td><strong>ART 3420</strong></td>
<td><strong>Intermediate Portrait Drawing</strong></td>
<td>3.00</td>
<td>Studio class for art students and others interested further watercolor painting. Further explores various pastel painting techniques. Successful completers will be able to capture a good likeness with realistic color. Course fee required. Prerequisite: ART 2420. FA, SP</td>
</tr>
<tr>
<td><strong>ART 3430</strong></td>
<td><strong>Media Experimentation</strong></td>
<td>3.00</td>
<td>Combined lecture / studio class for art students and students interested in multimedia experimentation. Includes exploration of drawing, painting, sculpture, and photo computer media, using processes to create innovations in 2 D, 3 D, and installation presentations. Course fee required. Prerequisite: ART 2270 SP</td>
</tr>
<tr>
<td><strong>ART 3570</strong></td>
<td><strong>Intermediate Ceramics</strong></td>
<td>3.00</td>
<td>Studio class for art students and students interested in further ceramics study. Emphasizes wheel and hand built works enhancing size, shape, construction, decoration, form, and function, as well as study of professional work and glaze calculation. Successful completers will produce exhibit quality ceramic work and fulfill the prerequisite for ART 4570. Course fee required. Prerequisite: ART 2570. FA, SP, SU</td>
</tr>
<tr>
<td><strong>ART 4110</strong></td>
<td><strong>Expressive Drawing</strong></td>
<td>3.00</td>
<td>Studio class for art students and students interested in further study of drawing. Explores principles of linear perspective, space, and composition application. Course fee required. Prerequisite: ART 3110. SP</td>
</tr>
<tr>
<td><strong>ART 4190</strong></td>
<td><strong>Advanced Sculpture</strong></td>
<td>3.00</td>
<td>Studio class for art students, and students interested in further 3 dimensional design experience. Includes further exploration of sculpting methods with emphasis on design, self expression, critical thinking, and</td>
</tr>
</tbody>
</table>
ART 4210  Adv Head & Figure Painting  3.00 CR
Studio class for art students and students interested in further painting experiences. Covers constructing a painting, including steps and techniques such as drawing shapes; using size, angle, and position; drawing values; and applying dark, middle, and light colors. Successful completers will be able to paint recognizable images and continue study in the medium. Successful completers will paint a portrait showing a likeness and be prepared for further study. Course fee required. Prerequisite: ART 3190. SP

ART 4220  Advanced Painting, Landscape  3.00 CR
Studio class for art students and students interested in landscape painting experiences. Concentrates on forming and structuring ideas for proper expression of visual literacy, including on site (plein air) painting as weather permits. Course fee required. Prerequisite: ART 2210. SP

ART 4250  Advanced Watercolor  3.00 CR
Studio class for art students, and students interested further watercolor painting. Explores creative approaches to watercolor, emphasizing image painting and experimentation using additive/subtractive elements of painting. Course fee required. Prerequisite: ART 3250. SP

ART 4410  Advanced Life Drawing  3.00 CR
Studio class for art students and others interested in further study in drawing the human form. Explores various drawing techniques, emphasizing greater accuracy in anatomical structure and form. Course fee required. Prerequisite: ART 3410. SP

ART 4570  Advanced Ceramics  3.00 CR
Studio class for art students and students interested in further ceramics study. Emphasizes wheel and hand built works enhancing size, shape, construction, decoration, form, and function, as well as advanced study of professional work and glaze calculation. Successful completers will produce a series of exhibit ready ceramic work. Course fee required. Prerequisite: ART 3570. SP

ART 4950  Art Internship  1.00 – 3.00 CR
For Integrated Studies majors pursuing an emphasis in Art who have completed at least one upper division Art studio class. Designed to increase students’ competencies and initiate networking, exposes students to professional art affiliations inclusive of art museums, galleries, artist studios, and various art groups and committees. Variable credit 1.0 – 3.0. Repeatable for credit up to 6 credits subject to graduation restrictions. Prerequisites: Integrated Studies major (with an Art emphasis); AND Advanced standing. FA, SP, SU

ART HISTORY (ARTH)

ARTH 2710  Art History I  3.00 CR
Fulfills General Education Fine Arts requirement. Historical study of Art ranging from prehistoric through classic periods; covers art, culture, and documentary history of specific nations and peoples. Discusses all aspects of visual art, including painting, sculpture, architecture, and clothing. FA

ARTH 2720  Art History II  3.00 CR
Fulfills General Education Fine Arts requirement. Historical study of Art ranging from the Renaissance, Baroque, Neoclassic, Romantic, Impressionist, early Modern, Pop, through contemporary periods. Discusses all aspects of visual art, including various media and photography, as well as emphasis on the work of contemporary women artists and artists of color. SP

ARTH 3030  Medieval Art  3.00 CR
For students interested in further study of Art History. Covers periods beginning with the fall of the Roman Empire through early Christian, Byzantine, Insular, Romanesque, and Gothic art, as well as relevant historical and religious contexts. Prerequisite: ARTH 2710, OR ARTH 2720. SP

ARTH 3080  Nineteenth Century Art  3.00 CR
For students interested in further study of Art History. Begins with the development of Neoclassicism at the end of the eighteenth century, through the periods of Romanticism, Realism, Impressionism, Post Impressionism, Arts and Crafts, Art Nouveau, and Symbolism, as well as the historical and literary context. Prerequisite: ARTH 2710, OR ARTH 2720. FA

ARTH 3090  Twentieth Century Art  3.00 CR
For students interested in further study of Art History. Covers early Modern movements of Matisse and Fauvism through Cubism, Futurism, Dadaism, Surrealism, through Post Modernism, as well as the historical and literary context. Prerequisite: ARTH 2710, OR ARTH 2720. SP

AUTOMOTIVE (AUTO)

AUTO 1100  Automotive Fundamentals  3.50 CR
For students with an interest in the basics of automotive technology in order to understand the function and operation of both components and systems while promoting pride in the trade and the role of the certified automobile technician. Covers design, construction, and operation of all major automotive systems. Combined lab and lecture. No tools are required. SP

AUTO 1120  Suspension & Steering  6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers diagnosis, adjustment and repair of various suspension and steering units to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required. FA
AUTO 1130 Brakes 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers diagnosis and repair of brakes and ABS systems to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA

AUTO 1320 Engine Repair 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers principles of construction and operation of modern automotive engines and practical repair applications to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA

AUTO 1430 Manual Transmissions & Drive Trains 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers diagnosis and repair of manual transmissions and drive trains to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA

AUTO 1440 Automatic Transmissions 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers diagnosis and repair of automatic transmissions and drive trains to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA

AUTO 1500 Basic Automotive Maintenance 2.00 CR
Open to all students interested in obtaining knowledge on car maintenance. Designed to give students knowledge and basic skills in automotive maintenance and also provides information about purchasing, liability, and legal rights of the automobile owner. Successful completers will have the knowledge and skills necessary to aid them in proper car maintenance. Combined lab and lecture.
FA, SP

AUTO 1800 Automotive Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

AUTO 1810 Automotive Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

AUTO 1820 Automotive Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

AUTO 1910 Automotive Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

AUTO 2100 Automotive Electrical Systems 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers basic electrical theory and diagnostic skills in various automotive electrical circuits and systems to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA, SP

AUTO 2130 Automotive Electrical Systems 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers electrical and vacuum systems and testing and diagnosis of automotive computer and emissions systems and testing and diagnosis of internal combustion engines to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA, SP

AUTO 2220 Engine Performance I 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers identification and location of electrical and vacuum components using schematics and shop manuals, including diagnosis and proper repair of ignitions and computer controls on modern automobiles to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA, SP

AUTO 2230 Engine Performance II 6.00 CR
For students pursuing a certificate or degree in Automotive Mechanics, and open to other interested students. Covers identification and location of electrical and vacuum components using schematics and shop manuals, including diagnosis and proper repair of ignitions and computer controls on modern automobiles to prepare students for Automotive Service Excellence (ASE) certification test and for entry level positions. Combined lab and lecture. Minimal tools required.
FA, SP
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIA 2170</td>
<td>Ground: Private Pilot</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 2180</td>
<td>Private Pilot License</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 2370</td>
<td>Ground: Instrument Pilot</td>
<td>2.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 2380</td>
<td>Flight: Instrument Rating</td>
<td>2.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3010</td>
<td>Aviation Principles</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3015</td>
<td>Principles of Leadership</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3020</td>
<td>Aviation Regulations &amp; Safety</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3030</td>
<td>Aviation Law</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3040</td>
<td>Aviation Economics</td>
<td>4.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3050</td>
<td>Aviation Finance</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3170</td>
<td>Ground: Commercial Pilot</td>
<td>2.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 3180</td>
<td>Commercial Pilot License</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
<tr>
<td>AVIA 4010</td>
<td>Aviation Accounting</td>
<td>3.00</td>
<td>Offered in Rotation in Aviation Management Degree Completion Program.</td>
</tr>
</tbody>
</table>

Note: For more details, please refer to the Dixie State College Aviation Management program.
**AVIA 4020 Aviation Marketing 3.00 CR**

For students in the Aviation Management program. Covers marketing strategies in the aviation industry, focusing on successful marketing efforts in a broad spectrum of aviation related environments, including advertising, public affairs, image/brand management, and business recruiting in both airline and airport settings. 

Prerequisites: AVIA 3010; AND MKTG 3010; AND Advanced standing. Offered in rotation in Aviation Management degree completion program.

**AVIA 4200 Aviation Internships 1.00 – 3.00 CR**

Internship experiences for students pursuing a degree in Aviation Management. 

Prerequisite: Advanced standing; AND Instructor permission. Offered in rotation in Aviation Management degree completion program.

**AVIA 4800 Aviation Management 3.00 CR**

For students in the Aviation Management program. Covers full spectrum of aviation management, including airport / airline management related issues, airport / airline operations, general aviation / fixed base operations, customer service, aircraft maintenance, flight operations, leadership development, as well as industry pricing and production principles with a focus on revenue management, supply/demand dynamics, utilization, and unit costs. 

Prerequisites: AVIA 3010; AND AVIA 3020; AND AVIA 3030; AND AVIA 4010; AND AVIA 4020. Offered in rotation in Aviation Management degree completion program.

**BIOLOGY (BIOL)**

**BIOL 1001 Intro to the Biology Major 1.00 CR**

A First Year Experience course created to help students succeed in the biology major, and assist new freshmen and returning students to make a successful transition to being a college student. The primary objective of this course is to provide students with the resources they will need to succeed in their college careers, particularly in the biology major.

FA, SP

**BIOL 1010 General Biology 3.00 CR**

Fulfills General Education Life Sciences requirement. Not for science majors, this course focuses on general principles of Biology, including cell theory, genetics, evolution, and interrelationships of living things, using a variety of teaching methods including lecture/discussion, laboratory, overheads, videos, quizzes and exams. Lab course recommended but not required. 

FA, SP, SU

**BIOL 1015 General Biology Lab 1.00 CR**

Lab course designed but not required to accompany BIOL 1010. Students will have hands on experience in a laboratory setting, including the use of microscopes, measurement and simple data analysis, observations of osmosis and diffusion, and other group activities in order to appreciate the true essence of science and the scientific process of acquiring knowledge through inquiry. 

Lab fee required. Corequisite: BIOL 1010. 

FA, SP

**BIOL 1200 Human Biology 3.00 CR**

Covers basic anatomy and physiology of humans for non science majors. Focuses on the general structure and function of the human body including tissues, organs, and systems. Through lecture, videos, models, quizzes, and tests, students become familiar with how the human body functions. 

Prerequisite: BIOL 1010 or BIOL 1610. 

FA

**BIOL 1610 Principles of Biology I 4.00 CR**

Fulfills General Education Life Sciences requirement. Introductory course required of all Biology majors, including pre health science, pre nursing, pre veterinary, pre medical, pre dental, and other pre professional students. Emphasizes the scientific method; cell processes, including basic chemistry, cellular level structure, and function; and the principles of inheritance, evolution and ecology. Fulfills prerequisite to most other Biology courses. 

Corequisite: BIOL 1615. 

FA, SP, SU

**BIOL 1615 Principles of Biology I Lab 1.00 CR**

Lab portion of BIOL 1610. 

Lab fee required. Corequisite: BIOL 1610. 

FA, SP, SU

**BIOL 1620 Principles of Biology II 4.00 CR**

Required of all Biology majors, including pre health science, pre nursing, pre veterinary, pre medical, pre dental, and other pre professional students. Continues BIOL 1610; emphasizes Evolution, diversity processes, animal structure and function, plant structure and function. Prerequisite to many other Biology courses. 

Prerequisite: BIOL 1610. Corequisite: BIOL 1625. 

FA, SP

**BIOL 1625 Principles of Biology II Lab 1.00 CR**

Lab portion of BIOL 1620. 

Lab fee required. Prerequisite: BIOL 1615. Corequisite: BIOL 1620. 

FA, SP, SU

**BIOL 1800 Biology Work Experience 1.00 – 3.00 CR**

Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. 

FA

**BIOL 1810 Biology Work Experience 1.00 – 3.00 CR**

Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. 

SP

**BIOL 1820 Biology Work Experience 1.00 – 3.00 CR**

Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are
limited to four cooperative education credit courses or 12 cooperative education credits.

SU

**BIOI 2030 Principles of Genetics 4.00 CR**
Required of all Biology majors, including pre medical, pre dental, pre veterinary, and other pre professional students. Exploration of classical, molecular, and evolutionary genetics, including Mendelian principles of inheritance, gene linkage and mapping, pedigree analysis, cytogenetics, structure and chemistry of genes, gene expression, DNA cloning and sequencing, mutations and their repair, non Mendelian inheritance, quantitative inheritance, and population genetics. Successful completers will have a firm understanding of basic genetics and awareness of the latest research in genetics. Prerequisites: MATH 1010 or higher; and BIOI 1010 OR BIOI 1610.

FA, SP

**BIOI 2060 Principles of Microbiology 3.00 CR**
For health science, pre pharmacy and other allied health professionals who need an understanding of microbiology. Focuses on essentials of microbiology, including disease control, nomenclature, function of immune system, pathologies, causes and cures, and laboratory methods for safely studying microorganisms. Successful completion of the course gives students an understanding of microbes and their relationship to the human system and health.

Prerequisite: BIOI 1610. Corequisite: BIOI 2065.

FA, SP, SU

**BIOI 2065 Principles of Microbiology Lab 1.00 CR**
Lab portion of BIOI 2060, stressing safety; sterile technique; methods of staining; preparing, culturing, and transferring microorganisms; and identification of an unknown.

Lab fee required. Prerequisite: BIOI 1615. Corequisite: BIOI 2060.

FA, SP

**BIOI 2220 General Ecology 3.00 CR**
Required of all Biology majors. Focuses on the nature and development of local, regional, and world communities and their relation to environmental factors controlling them. Covers organisms and their geographical distribution, interorganismic interactions, and speciation, as well as ecological methods of study in aquatic and terrestrial ecosystems.

Prerequisite: BIOI 1610. Corequisite: BIOI 2225.

FA, SP

**BIOI 2225 General Ecology Lab 1.00 CR**
Lab portion of BIOI 2220. Includes frequent field trips.

Lab fee required. Prerequisite: BIOI 1610. Corequisite: BIOI 2220.

FA, SP

**BIOI 2320 Human Anatomy 3.00 CR**
For students pursuing health science fields, including pre allied health, pre nursing, pre physical therapy, pre dental, pre medical, and many others. Examines the structures of the human body, including muscles, nerves, blood supply, bones, lymph, internal organs, and reproductive anatomy. Includes lectures supplemented with laboratory examinations of cadavers and physical and virtual models. Successful completers will have advanced familiarity with the nomenclature and locations of structures in the human body.

Prerequisite: BIOI 1610. Corequisite: BIOI 2325.

FA, SP, SU

**BIOI 2325 Human Anatomy Lab 2.00 CR**
Lab portion of BIOI 2320. Includes cadaver study.

Lab fee required. Prerequisite: BIOI 1615. Corequisite: BIOI 2320.

FA, SP, SU

**BIOI 2350 Fall Flora 2.00 CR**
For students interested in learning: "What kind of plant is that?" Teaches plant classification of trees and shrubs, including how to collect and identify vascular plants, primarily trees and shrubs, using manuals.

Corequisite: BIOI 2355.

FA

**BIOI 2355 Fall Flora Lab 1.00 CR**
Lab portion of BIOI 2350; requires frequent field trips.

Lab fee required. Corequisite: BIOI 2350.

FA

**BIOI 2360 Spring Flora 2.00 CR**
For students interested in learning: "What kind of plant is that?" Teaches plant classification of spring wildflowers, including how to collect and identify vascular plants, primarily wild flowers, using manuals.

Corequisite: BIOI 2365.

SP

**BIOI 2365 Spring Flora Lab 1.00 CR**
Lab portion of BIOI 2360; requires frequent field trips.

Lab fee required. Corequisite: BIOI 2360.

SP

**BIOI 2370 Economic Botany 3.00 CR**
For students interested in learning: "What kind of plant is that?" Teaches plant classification of spring wildflowers, including how to collect and identify vascular plants, primarily wild flowers, using manuals.

Corequisite: BIOI 2375.

FA

**BIOI 2375 Economic Botany Lab 1.00 CR**
Lab portion of BIOI 2370; requires frequent field trips.

Lab fee required. Corequisite: BIOI 2370.

SP

**BIOI 2400 Plant Kingdom 3.00 CR**
Fulfills General Education Life Sciences requirement. Surveys the divisions traditionally studied by botanists, including structure, reproduction, systematic, and evolution of the major prokaryotic, fungal, algal, and plant groups.

Corequisite: BIOI 2405.

FA

**BIOI 2405 Plant Kingdom Lab 1.00 CR**
Lab portion of BIOI 2400. Lab fee required. Corequisite: BIOI 2400.

FA

**BIOI 2420 Human Physiology 3.00 CR**
Required for students pursuing a Biology Secondary Education degree, as well as many pre allied health, pre nursing, pre dental, pre medical, and other pre professional programs. Examines how the body's functions are carried out utilizing a systems approach, including blood chemistry, nerve impulse transmission, kidney function, muscle contraction, and heart function. Successful completers of this intensive course will have sufficient familiarity with the details of biological functions to enable them to understand disease processes, treatment procedures, research pursuits, and evolutionary consequences of various aspects of physiology.

Prerequisite: BIOI 1610. Corequisite: BIOI 2425.

FA, SP, SU
Biology

BIOIL 2425 Human Physiology Lab 1.00 CR
Lab portion of BIOIL 2420.
Lab fee required. Prerequisite: BIOIL 1615. Corequisite: BIOIL 2420.
FA, SP, SU

BIOIL 3000 Rural Health Scholars 1.00 CR
Helps prepare pre dental, pre pharmacy, pre physician assistant, pre optometry, and other undergraduate health students for entry into professional schools. Includes opportunities to hear guest speakers, participate in health related service learning projects, gain patient exposure and research opportunities, perform job shadowing and volunteer work, visit Mexican and/or Navajo medical clinics, receive help with professional school applications, practice mock interviews, receive mentoring, one on one advisement/evaluation, and much more. Students must be willing to adhere to a student contract and participate in scheduled activities. Maximum 2 credits may be applied toward Bachelor of Science in Biology degree. Course is graded pass/fail.
Repeatable up to 8 credits subject to graduation and program restrictions. Course fee required.
FA, SP

BIOIL 3010 Biological Evolution 3.00 CR
Required of all Biology majors. Focuses on evolution as a fundamental principle of Biology. Emphasizes evidence for evolution in nature; evolutionary change, including elementary population genetic analysis; evolution of major groups of life forms; natural selection and speciation and their importance in establishing the life forms on Earth.
Prerequisites: BIOIL 1620; and BIOIL 1625; and BIOIL 2030.
FA, SP

BIOIL 3020 Cell Biology 3.00 CR
Can be used to fulfill a core requirement for Biology majors. Incorporating biochemistry and molecular biology, provides a solid background in cell biology, a dynamic area of study in biology that merges studies of cell structure and cell function. Includes the basics of cell structure, function, metabolism, signaling, and communication, using textbook material and primary literature sources. Successful completers will be prepared for further study in histology, pathophysiology, and developmental biology.
Prerequisites: BIOIL 1610; and CHEM 1220. Corequisite: BIOIL 3025.
SP

BIOIL 3025 Cell Biology Lab 1.00 CR
Lab portion of BIOIL 3020, introducing modern cell biology techniques. Lab fee required. Prerequisites: BIOIL 1615, and CHEM 1225. Corequisite: BIOIL 3020.
Lab fee required.
SP

BIOIL 3100 Bioethics 3.00 CR
Open to all students. An examination of the recent advancements in medicine and biological sciences in relation to basic ethical theories and traditional value systems, focusing on human reproduction, medical care, genetic engineering, humans as experimental subjects, environmental issues, and death and dying.
Prerequisite: BIOIL 1610, or BIOIL 1010.
FA (Odd years)

BIOIL 3110 Scientific Writing 2.00 CR
Required of students pursuing a Bachelors of Science in Biology degree. Augments research, writing, and communication skills of science majors. Successful completers will effectively use scientific literature data-bases; effectively find, read, understand, and critically assess primary literature; write in a clear, concise, scientific style that will be required in upper level science classes, including Senior Thesis, and in graduate study or future professions. Completion of an upper division Biology class that required a term paper or substantial lab report is highly recommended before enrolling in this course.
Prerequisites: BIOIL 1610; AND ENGL 2010 (can be concurrently enrolled In ENGL 2010).
FA

BIOIL 3140 Comparative Vertebrate Anatomy 3.00 CR
Fulfills a program elective for all Biology majors. Covers the evolution of vertebrate design, surveying the tissue types that have changed to allow vertebrates to perform specific functions; emphasizing bones and muscles along with special tissues such as feathers, fur, and scales; and highlighting comparisons between groups of vertebrates to reveal different evolutionary pathways. Successful completers will clearly understand and be able to explain major evolutionary trends among vertebrates as well as specific instances where particular adaptations have allowed special functions to develop very efficiently like flying, digging, deep diving, and great running speed.
BIOIL 3010 is strongly recommended before enrolling in this course.
Prerequisite: BIOIL 162; AND BIOIL 3010 (recommended). Corequisite: BIOIL 3145.
SP (Even years)

BIOIL 3145 Comparative Vert Anatomy Lab 1.00 CR
Lab portion of BIOIL 3140. Requires dissection of representative vertebrates to learn the 3 dimensional anatomy, emphasizing similarities and differences among large vertebrate groups. Successful completers will be able to dissect vertebrates and identify major anatomical features.
Lab fee required. Prerequisite: BIOIL 1625. Corequisite: BIOIL 3140.
SP (Even years)

BIOIL 3150 Introduction to Biometry 2.00 CR
Required of students pursuing a Bachelor of Science in Biology. Includes experimental design, methods of data collection, statistical concepts, probability, testing of hypotheses, graphing techniques, estimation, discrete and continuous distributions, chi square tests, linear regression and correlation, analysis of variance, and parametric and non-parametric tests. Successful completers will be able to identify and apply the proper statistical test(s) in the analysis of given data sets.
Prerequisite: Math 1050. Corequisite: BIOIL 3155.
FA, SP

BIOIL 3155 Intro to Biometry Lab 1.00 CR
Lab portion of BIOIL 3150, designed to provide opportunities to practice and apply statistical concepts.
Lab fee required. Corequisite: BIOIL 3150.
FA, SP

BIOIL 3200 Invertebrate Zoology 3.00 CR
Fulfills a program elective for all Biology majors. General study of invertebrate animal phyla including sponges, cnidarians, flatworms, roundworms, rotifers, mollusks, annelids, arthropods, echinoderms, and others, emphasizing characteristics, variations in body plans, life cycles, adaptations, and evolutionary relationships among major groups of animals. Successful completers will identify major invertebrate animal phyla and discuss evolutionary trends pertaining to them.
Prerequisite: BIOIL 1620. Corequisite: BIOIL 3205.
FA (Even years)
amphibian, and bird developmental stages will be studied directly through microscopes, and development of specific tissues may be studied in mammals or reptiles. Successful completers will demonstrate a thorough understanding of body plans and developmental strategies used to create diverse animal phenotypes and be able to cite particular developmental problems and the resulting impact on the adult form. Completion of BIOL 2030 is strongly recommended before enrolling in this course. Prerequisite: BIOL 1615; AND BIOL 2030 (recommended). Corequisite: BIOL 3360. Offered based upon sufficient student need.

**BIOL 3450 General Microbiology** 3.00 CR
Can be used to fulfill a core requirement for Biology majors. Emphasizes relationships between microbes and their ecosystems, and biotechnological applications including food production, spoilage and preservation, fermentation technology, agriculture, waste disposal, water lecture/discussion. Successful completion of the course gives students an understanding of the importance of microbes to biological communities. Prerequisite: BIOL 1610; and CHEM 2310. Corequisite: BIOL 3455. FA

**BIOL 3455 General Microbiology Lab** 1.00 CR
Lab portion of BIOL 3450; provides basic and applied methodologies, including isolation of commercially useful strains and production and purification of industrial products. Lab fee required. Prerequisite: BIOL 1615. Corequisite: BIOL 3450. FA

**BIOL 3460 Biology of Infectious Disease** 3.00 CR
For Biology majors. Provides a modern view of bacterial and viral diseases in order to build a foundation for more advanced studies in microbiology, microbial pathogenesis, and immunology. The agents of infectious diseases demonstrate excellent examples of natural selection. The various adaptations of the pathogen and defenses of the host illustrate some of the most amazing mechanisms in biology. Covers characteristics of microbes, corresponding defense mechanisms evolved by hosts of these microbes, and mechanisms of pathogenesis during infection. Molecular, cellular, and physiological concepts will be developed through use of both clinical and epidemiological pictures of selected diseases. Successful completers will have an understanding of the importance of microbes to biological communities and how evolution has impacted and continues to influence aspects of disease transmission and control. Prerequisites: BIOL 1620, and BIOL 1625; BIOL 2030 or BIOL 3020 and BIOL 3025.

**BIOL 3470 Introduction to Immunology** 3.00 CR
For Biology majors who desire more coverage of the immune system and its response to microbes and viruses. General properties of immune responses, cells and tissues of the immune system, antibody mediated and cell mediated mechanisms of immunity, immunity to microbes, immunodeficiency and AIDS, autoimmune diseases, and transplantation will be discussed. Uses a variety of teaching methods including lecture/discussion, review of scientific journal articles, writing assignments, videos, quizzes, and exams. Successful completion of the course gives students a better understanding of the importance of the immune system to overall health and wellness of humans and other mammalian systems. BIOL 2030 (Principles of Genetics) or CHEM 3510 (Biochemistry I) are recommended before enrolling in this course. Prerequisites: BIOL 3020, AND BIOL 3025; OR BIOL 3450, AND BIOL 3455. Prerequisite: BIOL 2030, OR CHEM 3510 recommended. Offered based upon sufficient student need.
BIOL 4130 Biology Teaching Methods 3.00 CR
Required of students pursuing a Biology Secondary Education degree. Designed to assist pre service teachers plan, teach, and evaluate activities for biology classes. Students will examine objectives, instructional methods, and curriculum for biology in secondary schools. Students will gain experience in developing, adapting, evaluating and using strategies and materials for teaching biology. Special characteristics of the science discipline will be considered. Students will be exposed to a diversity of laboratory and outdoor environmental materials and methods. This course does not fulfill a Biology elective for the Bachelor of Science in Biology degree. Prerequisite: Admission to the Dixie State College Secondary Education Licensure program. Offered based upon sufficient student need.

BIOL 4190 Mammalian Histology 3.00 CR
Fulfills a program elective for Biology majors who desire a basic understanding of the structural organization of cells, tissues, and organ systems at the microscopic level, focusing on the characteristics of individual cell types within each tissue type as well as how the cells and tissues are organized to form organs, while emphasizing the dynamic relationships between structure and function. Prerequisite: BIOL 1610. Corequisite: BIOL 4195. SP (Even years)

BIOL 4195 Mammalian Histology Lab 1.00 CR
Lab portion of BIOL 4190. Lab fee required. Prerequisite: BIOL 1615. Corequisite: BIOL 4190. SP (Even years)

BIOL 4200 Plant Taxonomy 2.00 CR
Fulfills a program elective for Biology majors who desire experience in plant systematics. Focuses on the collecting of plants and systems of classification. Successful completers will identify plants in the field using diagnostic techniques including the use of dichotomous keys. Prerequisites: BIOL 1610; and BIOL 2400. Corequisite: BIOL 4205. SP (Even years)

BIOL 4205 Plant Taxonomy Lab 2.00 CR
Lab portion of BIOL 4200 designed so students gain hands on experience collecting and classifying plants through field trips, plant dissection, study of herbarium samples, microscopy, and the use of dichotomous keys. Field trips and plant collection required. Lab fee required. Prerequisites: BIOL 1615; and BIOL 2405. Corequisite: BIOL 4200. SP (Even years)

BIOL 4230 General Parasitology 3.00 CR
Fulfills a program elective for Biology majors. Emphasizes identification, life cycles, control and economic impact of organisms classified as protists, helminthes, and arthropods of veterinary and medical importance, especially the interaction between host and parasite. Prerequisites: Advanced Standing; and BIOL 1620. Corequisite: BIOL 4235. SP (Odd years)

BIOL 4235 General Parasitology Lab 1.00 CR
Lab portion of BIOL 4230, emphasizing morphology and identification of representative groups of parasites and diagnostic techniques of parasitic disease. Prerequisite: BIOL 1625. Corequisite: BIOL 4230. SP (Odd years)

BIOL 4250 Herpetology 2.00 CR
Fulfills a program elective for Biology majors. Covers the biology of amphibians and reptiles including evolutionary history, functional morphology, physiological ecology, biogeography, reproductive, and population ecology. Prerequisites: BIOL 1620; and BIOL 2220. Corequisite: BIOL 4265. FA (Odd years)

BIOL 4255 Herpetology Lab 1.00 CR
Lab portion of BIOL 4260, covering systematics, natural history, and collecting/sampling techniques. Field trips required. Lab fee required. Prerequisites: BIOL 1625; and BIOL 2225. Corequisite: BIOL 4260. FA (Odd years)

BIOL 4270 Ichthyology 2.00 CR
Fulfills a program elective for Biology majors. Covers the biology of fishes, including evolutionary history, functional morphology, physiological ecology, and biogeography, with an emphasis on Utah species. Successful completers will be able to identify various fishes, especially those found locally. Prerequisites: BIOL 1620; and BIOL 2220. Corequisite: BIOL 4275. Offered upon sufficient student need.

BIOL 4275 Ichthyology Lab 1.00 CR
Lab portion of BIOL 4270, covering identification, systematic and natural history. Field trips required. Lab fee required. Prerequisites: BIOL 1625; and BIOL 2225. Corequisite: BIOL 4270. Offered upon sufficient student need.

BIOL 4280 Marine Biology 3.00 CR
For students in the physical and biological sciences, covers global oceans with an introduction to oceanography and ocean processes; major marine ecosystems, with an emphasis on the Pacific Coast of California; marine ecology, emphasizing energy flow, populations and community structure and formation; and human impacts on the seas by considering positive and negative human activities that alter or enhance marine resources and environments. Field trip required. Course fee required. Prerequisites: BIOL 1620; and BIOL 1625; and BIOL 2220; and BIOL 2225. SP

BIOL 4300 Molecular Biology 2.00 CR
Fulfills program elective for students pursuing a Bachelor of Science in Biology degree who desire advanced study in molecular genetics, including DNA replication, structure, rearrangement, transposition, recombination, repair mechanisms, genetic engineering, and mechanisms of gene expression and gene modification. Explores current advancements in molecular biology and genetics, investigating their applications by reviewing selected works from the current scientific literature. Prepares students for further study and/or entry level positions in biotechnology research laboratories. Prerequisites: BIOL 2030; and CHEM 3510. FA

BIOL 4305 Molecular Biology Techniques 2.00 CR
Introduces basic laboratory techniques common to all modern molecular biology laboratories. Students will gain "hands on" laboratory research experience through an extensive research project involving standard cloning experiment as its foundation and following the "Central Dogma" in vitro from an isolated genomic source to the purified and analyzed
protein product. From this core path, the course will explore current advancements of these technologies and investigate their applications by reviewing selected works from the current scientific literature. Completion of BIOL 2060/2065 and CHEM 2320/25 is strongly recommended before enrolling in this course.

Lab fee required. Prerequisites: BIOL 1610; and BIOL 1615; and BIOL 2030; and CHEM 1220; and CHEM 1225.

FA

BIOL 4350 Animal Behavior 3.00 CR
Fulfills a program elective for all Biology majors. Covers the definition of behavior and how it is measured, the evolution and genetics of behaviors, and the wide spectrum of behaviors demonstrated by animals that help them survive and reproduce. Successful completers will be able to explain the many aspects of animal behavior, why those behaviors exist, and some specific examples of current research in each area of behavior. BIOL 3150 Introduction to Biometry is strongly recommended as a corequisite to this course.

Prerequisites: BIOL 1620; and BIOL 2220. Corequisite: BIOL 4385; AND BIOL 3150 (recommended).

SP (Odd years)

BIOL 4355 Animal Behavior Lab 1.00 CR
Lab portion of BIOL 4350. Students will learn how behavior can be measured based on a clear definition of what behavior involves and will be shown the various techniques used by researchers to study behavior, in both field and laboratory settings, and the proper design of such studies. Students will design and carry out their own research projects on a particular behavior and write up the results of their study in journal article format. Successful completers will be capable of starting a simple research study of animal behavior in the field or in a laboratory setting, and can explain strengths and weaknesses of each.

Lab fee required. Prerequisites: BIOL 1625, and Advanced standing. Corequisite: BIOL 4355; AND BIOL 3150 (recommended).

SP (Odd years)

BIOL 4380 Ornithology 2.00 CR
Fulfills a program elective for all Biology majors, covers the biology of birds including their origin, evolution, structure, habits, adaptations, distribution, and classification. Successful completers will indentify various birds, especially those found locally, and to discuss evolutionary and ecological relationships among them.

Prerequisites: BIOL 1620, and BIOL 2220. Corequisite: BIOL 4385.

SP (Odd years)

BIOL 4385 Ornithology Lab 1.00 CR
Lab portion of BIOL 4380. Field trips required.

Lab fee required. Prerequisites: BIOL 1625, and BIOL 2225. Corequisite: BIOL 4380.

SP (Odd years)

BIOL 4400 Pathophysiology 3.00 CR
Fulfills program elective for students pursuing a Bachelor of Science in Biology degree. Introduction to pathophysiological etiology and mechanisms that cause disease and altered organ and organ systems functioning throughout the lifespan.

Prerequisites: BIOL 2320; AND BIOL 2325; AND BIOL 2420; AND BIOL 2425.

FA, SP

BIOL 4411 Mammalogy 3.00 CR
Fulfills a program elective for all Biology majors. Covers the unique adaptations and life histories of mammals, and surveys each order of mammal, describing evolution (where known), natural histories, and geographical ranges of representatives of that order. Successful completers will be able to describe what makes a mammal, its evolution, the adaptations that enabled mammals to dominate the earth for the last 65 million years, and current problems facing many mammals as well as possible solutions to those problems. Completion of BIOL 3140/3145 Comparative Vertebrate Anatomy/Lab is recommended before enrolling in this course.

Prerequisites: BIOL 1620; and BIOL 2220. Corequisite: BIOL 4415.

FA (Even years)

BIOL 4415 Mammalogy Lab 1.00 CR
Lab portion of BIOL 4411, includes training to skin and stuff representative mammals collected by instructors, review of skins and skeletons for identification, and in articulation of mammalian skeletons for display, as well as observation of mammals and their signs in the wild. Successful completers will obtain a strong background of general knowledge about mammals, and specific knowledge of representatives of each taxon, especially local species and those of economic importance.

Prerequisites: BIOL 1625, and BIOL 2225. Corequisite: BIOL 4411.

Lab fee required.

FA (Even years)

BIOL 4440 General Entomology 3.00 CR
Fulfills a program elective for all Biology majors. Includes study of the structure, development, classification, and life histories of insects, as well as ecological, economic, and management considerations. Successful completers will be able to identify common insects and discuss the economic and ecological impacts of insects. Completion of BIOL 2220 is recommended before enrolling in this course.

Prerequisites: BIOL 1620; and BIOL 2220 (recommended). Corequisite: BIOL 4445.

Offered upon sufficient student need.

BIOL 4444 General Entomology Lab 1.00 CR
Lab portion of BIOL 4440. Completion of BIOL 2220 is recommended before enrolling in this course.

Lab fee required. Prerequisite: BIOL 1625; and BIOL 2225 (recommended). Corequisite: BIOL 4440.

Offered upon sufficient student need.

BIOL 4460 Plant Ecology 2.00 CR
Fulfills a program elective for all Biology majors. Emphasizes limiting factors on plant growth and distribution; adaptations and responses at the individual, population, and community levels; species distributions along environmental gradients; and community structure and analysis. Successful completers will be able to identify possible factors limiting plant growth and distributions in certain areas.

Prerequisites: BIOL 2220; and BIOL 3150. Corequisite: BIOL 4465.

FA (Odd years)

BIOL 4465 Plant Ecology Lab 1.00 CR
Laboratory portion of BIOL 4460. Includes data collection on required field trips, learning to analyze data sets, and review current scientific journal articles related to plant ecology.

Lab fee required. Prerequisites: BIOL 2225; and BIOL 3155. Corequisite: BIOL 4460.

FA (Odd years)
BIO L 4505 Comp Vertebrate Physiology 3.00 CR
Fulfills a physiology elective for students pursuing a Bachelor of Science in Biology degree. Covers physiological adaptations of vertebrates, including general functions of each organ system and enlightening examples of specific adaptations in those systems in certain taxa. Successful completers will demonstrate a thorough, broad understanding of how vertebrate organisms accomplish the necessary tasks of regulating the internal environment in a variety of ways.
Prerequisites: BIOL 1620; and CHEM 1220. Corequisite: BIOL 4505. FA

BIO L 4600 Plant Physiology 3.00 CR
Fulfills a physiology elective for students pursuing a Bachelor of Science in Biology degree who desire more coverage of botany topics. Emphasizes physical and chemical basis of plant life relative to absorption, transpiration, manufacture of foods, growth, and reproduction. Successful completers will have an understanding of the interaction between the structure and function of plants.
Prerequisite: BIOL 1620; and CHEM 1220. Corequisite: BIOL 4605. SP

BIO L 4810 Independent Research I 1.00 – 4.00 CR
Individual areas of study will be assigned to students based on preparation and interest. Students will be expected to write a paper (using supporting scientific sources) related to the problem studied. No more than 4 credits in any combination of internship, independent research, independent study, and senior thesis can count toward Biology degree requirements.
Variable credit: 1.0 – 4.0. Repeatable up to 4 credits subject to graduation and program restrictions. Prerequisites: Advanced standing; AND ENGL 2010; AND Instructor permission; AND BIOL 3110 (can be concurrently enrolled in BIOL 3110). FA

BIO L 4820 Independent Research II 1.00 – 4.00 CR
Individual areas of study will be assigned to students based on preparation and interest. Students will be expected to write a paper (using supporting scientific sources) related to the problem studied. No more than 4 credits in any combination of internship, independent research, independent study, and senior thesis can count toward Biology degree requirements.
Variable credit: 1.0 – 4.0. Prerequisites: Advanced standing; AND ENGL 2010; AND Instructor permission; AND BIOL 3110 (can be concurrently enrolled in BIOL 3110). SP

BIO L 4830 Independent Research III 1.00 – 4.00 CR
Individual areas of study will be assigned to students based on preparation and interest. Students will be expected to write a paper (using supporting scientific sources) related to the problem studied. No more than 4 credits in any combination of internship, independent research, independent study, and senior thesis can count toward Biology degree requirements.
Variable credit: 1.0 – 4.0. Prerequisites: Advanced standing; AND ENGL 2010; AND Instructor permission; AND BIOL 3110 (can be concurrently enrolled in BIOL 3110). SP

BIO L 4890 Life Science Internship I 1.00 – 8.00 CR
For students who are granted and accept an internship with an approved employer, or a governmental, non-profit, or private agency, that provides an extensive learning experience in the field of biology. Students must be supervised by an agency representative and a faculty advisor. Written contracts of expectations and terms and permission of the Biology Department Chair are required. No more than 4 credits in any combination of internship, independent research, independent study, and senior thesis can count toward Biology degree requirements.
Variable credit: 1.0 – 8.0. Repeatable up to 8 credits subject to graduation and program restrictions. Prerequisites: Advanced standing; and Instructor permission.
Offered based upon sufficient student need.

BIO L 4891 Life Science Internship II 1.00 – 8.00 CR
For students who are granted and accept an internship with an approved employer, or a governmental, non-profit, or private agency, that provides an extensive learning experience in the field of biology. Students must be supervised by an agency representative and a faculty advisor. Written contracts of expectations and terms and permission of the Biology Department Chair are required. No more than 4 credits in any combination of internship, independent research, independent study, and senior thesis can count toward Biology degree requirements.
Variable credit: 1.0 – 8.0. Repeatable up to 8 credits subject to graduation and program restrictions. Prerequisites: Advanced standing; and Instructor permission.
Offered based upon sufficient student need.

BIO L 4910 Senior Seminar I 1.00 CR
One Senior Seminar course is required of students pursuing a Bachelor of Science in Biology degree. Topics and themes will vary. Each student will be expected to lead the class in a current research and literature in the general fields of biological science for one week and submit a synthesis paper on a selected topic. Limited enrollment course.
Prerequisites: ENGL 2010; and Advanced standing. FA

BIO L 4920 Senior Seminar II 1.00 CR
One Senior Seminar course is required of students pursuing a Bachelor of Science in Biology degree. Topics and themes will vary. Each student will be expected to lead the class in a current research and literature in the general fields of biological science for one week and submit a synthesis paper on a selected topic. Limited enrollment course.
Prerequisites: ENGL 2010; and Senior standing. SP

BIO L 4930 Senior Thesis 1.00 – 4.00 CR
For Biology majors who wish to write a scientific paper of publishable quality that details an extended individual research project planned and carried out by the student under faculty supervision, approved by a committee of at least two faculty members and the department chair. Usually, a semester or two of independent research (BIO 4810, BIO 4820, and/or BIO 4830) will precede registration.
for the senior thesis. Students will be expected to present oral and written reports of experimental results. Final draft of the thesis will be due two weeks before the beginning of final exams. No more than 4 credits in any combination of internship, independent research, independent study, and senior thesis can count toward Biology degree requirements. Banner message: Permission of the Biology Department Chair is required.

Variable credit: 1.0 – 4.0. Repeatable up to 4 credits subject to graduation and program restrictions.

Prerequisites: ENGL 2010; AND Senior standing; AND Instructor permission AND BIOL 3110 (can be concurrently enrolled in BIOL 3110).

Offered based upon sufficient student need.

BUSINESS (BUS)

BUS 1001 First Year Business Experience 1.00 CR
First Year Experience course designed to help freshman students interested in Business adapt to college life and become integrated into Dixie State College and the Udvar Hazy School of Business. Students will refine academic skills, create and foster social networks, learn about college resources, explore the different options available within the Business department, and learn about career opportunities in Business.

FA, SP

BUS 1010 Introduction to Business 3.00 CR
Basic, introductory course designed to give students with little or no understanding of business a broad overview and understanding of the business world. Covers fundamental concepts of business such as definitions, business environment, business operations, role of business in the economy, the role of profit in a business, and how a business is established, financed, operated, and managed.

FA, SP, SU

BUS 1020 10 Key Calculator Skills 1.00 CR
For any student interested in a foundation in the many uses of 10 Key Electronic Print/Display calculators. Includes proper techniques to develop speed and accuracy as well as fundamentals of business mathematics.

FA, SP

BUS 1030 Business Math 3.00 CR
For students interested in mathematical applications for business problems, including checking accounts and bank reconciliations, percents, solving for "unknown", discounts, markups and markdowns, payroll, simple interest, discounting notes, present and future value, depreciation, inventory, taxes, insurance, stocks and bonds, annuities, and sinking funds.

FA

BUS 1060 Pre Employment Seminar 1.00 CR
For any student interested in making a successful transition to the workplace, including effective job search techniques, job winning resumes and interviews, and career advancement skills.

FA, SP, SU

BUS 1350 Business Improvement Skills 1.00 CR
For members of Phi Beta Lambda, an organization for college students preparing for careers in business and business related fields. Students upgrade skills through participation in business simulations, case problems, and a wide variety of office, computer, accounting, and management skill areas while preparing for competitive events.

Repeatable up to 4 credits subject to graduation restrictions. Corequisite: BUS 1360.

FA, SP

BUS 1360 PBL: Phi Beta Lambda 1.00 CR
For members of Phi Beta Lambda, an organization for college students preparing for careers in business and business related fields, and the post secondary affiliate of the Future Business leaders of America. Course is designed to provide leadership development and competition opportunities not traditionally available in college courses.

Repeatable up to 4 credits subject to graduation restrictions.

FA, SP, SU

BUS 1370 Human Relations 3.00 CR
For all students interested in combining human relations in the workplace with personal growth and career success. Focuses on developing interpersonal skills through self evaluation, methods of conflict resolution, behavioral concepts, and effective communication principles.

FA, SP, SU

BUS 1800 Business Work Experience 1.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

FA

BUS 1810 Business Work Experience 2.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

SP

BUS 1820 Business Work Experience 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

SU
CHEMISTRY (CHEM)

CHEM 1010 Intro to Chemistry 3.00 CR
FA, SP, SU

CHEM 1015 Intro to Chemistry Lab 1.00 CR
Lab portion of CHEM 1010. Lab fee required. Corequisite: CHEM 1010.
FA, SP, SU

CHEM 1110 Elem General/Organic Chemistry 4.00 CR
Fulfills General Education Physical Science requirement for students majoring in Health Sciences, Family & Consumer Science, Natural Resources, or Agriculture. Not appropriate for students majoring in Life Sciences, Physical Sciences, pre-Medical, pre-Dental or other pre-professional program. First semester in a 2 course sequence covering fundamental laws and reactions of general inorganic and organic chemistry, including the basic organic functional groups. Successful completion satisfies prerequisite for CHEM 1120. Prerequisite: MATH 1010 or Math Placement score 18 or higher. Corequisite: CHEM 1115.
FA, SP, SU

CHEM 1115 Elem General/Organic Chem Lab 1.00 CR
Lab portion of CHEM 1110. Successful completion satisfies prerequisite for CHEM 1125. Lab fee required. Corequisite: CHEM 1110.
FA, SP, SU

CHEM 1120 Elem Organic / Bio Chemistry 4.00 CR
Continuation of CHEM 1110. Second semester in a 2 course sequence covering fundamental laws of carbohydrates, lipids, proteins, biochemical energy, enzymes, and molecular biology, as well as the organic functional groups related to these biochemicals. Successful completion prepares students for further study in Chemistry and Life Sciences. Prerequisite: CHEM 1110. Corequisite: CHEM 1125. SP

CHEM 1125 Elem Organic / Bio Chem Lab 1.00 CR
Lab portion of CHEM 1120. Lab fee required. Prerequisite: CHEM 1115. Corequisite: CHEM 1120. SP

CHEM 1210 Principles of Chemistry I *PS 4.00 CR
Fulfills General Education Physical Science requirement for students majoring in Life or Physical Sciences, Engineering, and pre-professional programs (pre-medical, pre-dental, etc.). Provides theoretical and practical framework for further study in the sciences; emphasizes measurement, stoichiometry, the nature of the atom, chemical periodicity, the states of matter, thermodynamics and bonding. Successful completion satisfies prerequisite for CHEM 1220. Completion of a prior Chemistry course is strongly recommended before enrolling in this course. Prerequisite: MATH 1050 (C grade or higher), or equivalent placement score taken within 2 years prior to enrollment in this course. Corequisite: CHEM 1215.
FA, SP

CHEM 1215 Principles of Chemistry Lab 1.00 CR
FA, SP

CHEM 1220 Principles of Chemistry II 4.00 CR
Continuation of CHEM 1210. Emphasizes kinetics, equilibrium, descriptive chemistry, nuclear chemistry, and special topics. Successful completion prepares students for and satisfies prerequisite for CHEM 2310 and further study in life and physical sciences. Prerequisite: CHEM 1210. Corequisite: CHEM 1225.
FA, SP

CHEM 1225 Principles of Chemistry II Lab 1.00 CR
Lab portion of CHEM 1220. Successful completion satisfies prerequisite for CHEM 2315. Lab fee required. Prerequisite: CHEM 1215. Corequisite: CHEM 1220.
FA, SP

CHEM 2310 Organic Chemistry I 4.00 CR
For Chemistry, Biology, pre-Medical, pre-Dental, pre-Optometry, pre-Pharmacy majors, pre-Chiropractic, pre-Medical Technician, and pre-Veterinary majors. Introduction to functional groups and related reactions, including an introduction to spectroscopy. Successful completion satisfies prerequisite for CHEM 2320. Prerequisite: CHEM 2310 (Grade C or higher). Corequisite: CHEM 2315.
FA, SP

CHEM 2315 Organic Chemistry I Lab 1.00 CR
Lab portion of CHEM 2310. Lab fee required. Prerequisite: CHEM 2315 (Grade C or higher). Corequisite: CHEM 2310.
FA, SP

CHEM 2320 Organic Chemistry II 4.00 CR
Continues CHEM 2310. Further study of functional groups and related reactions, including organic reactions necessary for synthesis of larger molecules. Successful completion prepares students for further study in biochemistry and physical chemistry. Prerequisite: CHEM 2310 (Grade C or higher). Corequisite: CHEM 2325.
FA, SP

CHEM 2325 Organic Chemistry II Lab 1.00 CR
Lab portion of CHEM 2320. Lab fee required. Prerequisite: CHEM 2315 (Grade C or higher). Corequisite: CHEM 2320.
FA, SP

CHEM 2321 Principles of Chemistry I 4.00 CR
Fulfills General Education Physical Science requirement for students majoring in Life or Physical Sciences, Engineering, and pre-professional programs (pre-medical, pre-dental, etc.). Provides theoretical and practical framework for further study in the sciences; emphasizes measurement, stoichiometry, the nature of the atom, chemical periodicity, the states of matter, thermodynamics and bonding. Successful completion satisfies prerequisite for CHEM 1220. Completion of a prior Chemistry course is strongly recommended before enrolling in this course. Prerequisite: MATH 1050 (C grade or higher), or equivalent placement score taken within 2 years prior to enrollment in this course. Corequisite: CHEM 1215.
FA, SP

CHEM 3510 Biochemistry I 3.00 CR
Covers cellular metabolism of biologically important molecules (carbohydrate, lipids, proteins, and nucleic acids) as well as regulation of these metabolic processes. Principles will be taught using structure/function relationships. Prerequisites: BIOL 1610/1615, AND CHEM 2320/2325.
FA
CLINICAL LABORATORY SCIENCE (CLS)

CLS 1113 Intro to Clinical Lab Practice 1.00 CR
Lab portion of Weber State University CLS 1113. Addresses principles and applications of laboratory testing, including safe practices for the laboratory practitioner, specimen quality assurance, phlebotomy, urinalysis, basic concepts in clinical immunology, and clinical approaches to immunological testing.
Course fee required. Corequisite: Weber State University CLS 1113. Prerequisite: Instructor permission only.

CLS 1123 Hematology & Hemostasis Lab 1.00 CR
Lab portion of Weber State University CLS 1123. Covers fundamental theories of hematopoiesis, routine laboratory evaluation of blood components using standard instrumentation and microscopic methods, including safety and quality control. Introduces routine laboratory methods in hemostasis.
Course fee required. Corequisite: Weber State University CLS 1123. Prerequisite: Instructor permission only.

COOPERATIVE EDUCATION (COOP)

COOP 1800 General Cooperative Education 1.00 – 3.00 CR
General Cooperative Education will provide on the job training. Eagerness, dependability, willingness, attitude and human relation goals will be set. A student will be able to explore 3 different fields of study. Students like any other COOP, will meet with the instructor coordinator and employer, at the beginning of the course to determine objectives, number of credit hours, hours to work, and to sign a credit agreement. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Prerequisite: Instructor permission.

FA

COOP 1810 General Cooperative Education 1.00 – 3.00 CR
General Cooperative Education will provide on the job training. Eagerness, dependability, willingness, attitude and human relation goals will be set. A student will be able to explore 3 different fields of study. Students like any other COOP, will meet with the instructor coordinator and employer, at the beginning of the course to determine objectives, number of credit hours, hours to work, and to sign a credit agreement. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Prerequisite: Instructor permission.

SP

COOP 1820 General Cooperative Education 1.00 – 3.00 CR
General Cooperative Education will provide on the job training. Eagerness, dependability, willingness, attitude and human relation goals will be set. A student will be able to explore 3 different fields of study. Students like any other COOP, will meet with the instructor coordinator and employer, at the beginning of the course to determine objectives, number of credit hours, hours to work, and to sign a credit agreement. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Prerequisite: Instructor permission.

SU

COMMUNICATION (COMM)

COMM 1001 Freshman Comm Experience 1.00 CR
A First Year Experience seminar designed to help students majoring in Communication adapt to college life and become integrated into Dixie State College and the Communication department. Under the supervision of departmental academic advisors, students will refine academic skills, create and foster social networks, learn about college resources, explore different options available within the Communication department, and learn about career opportunities in Communication.
FA

COMM 1010 Elements of Effective Comm 3.00 CR
Fulfills General Education Fine Arts requirement. Introduction to the theory and practice of communicating in interpersonal, small group, organizational, and public presentation settings. Includes essential theories through practical experience, including language use, nonverbal communication, organizational structure and practices, persuasion, and public speaking.
FA, SP, SU

COMM 1020 Public Speaking 3.00 CR
Fulfills General Education Fine Arts requirement. Required of Human Communication majors. For any student with an interest in improving public speaking skills by preparing, outlining, and presenting various types of speeches, including introductory, informational, persuasive, and others. Successful completers will be able to present an organized, well-prepared speech.
FA, SP, SU

COMM 1050 Intro to Communication Theory 3.00 CR
Required of all Communication majors. Survey of basic issues, theories, and perspectives in the study of communication, including knowledge of the various contexts of human communication and how they differ from each other. Successful completers develop critical thinking and analytical skills; improve listening and observational skills; increase problem solving capabilities; gain insight into their own paradigms and the paradigms of others; and learn how to communicate effectively with others of varying beliefs and values in a variety of contexts.
FA, SP

COMM 1060 Intro to Rhetorical Theory 3.00 CR
For Communication majors and other students interested in the meaning of rhetoric and its place in Communication studies. Includes basics of rhetorical theory from traditional and contemporary perspectives in preparation for further communication courses.
FA

COMM 1130 Writing for Media Audiences 3.00 CR
For all students with an interest in mass media, required of Mass Communication majors. Survey of mass media reporting with an emphasis on writing in Associated Press (AP) style. Requires writing media pieces for print, broadcast, and online formats; specialized stories; public relations; and advertising. Includes interviewing, applicable laws, and ethics.
Prerequisite: ENGL 1010.
FA, SP

COMM 1270 Argument & Critical Thinking 3.00 CR
Required of all Communication majors, and open to other interested students. Focuses on the relationship of language to logic. Successful completers will increase analytic and constructive criticism abilities, as
well as effectively connect, propose, and support ideas using both inductive and deductive reasoning, differentiating between inferences and fact and creating unambiguous statements of knowledge or belief. Emphasizes intrapersonal and interpersonal internal and external dialogue.

FA, SP, SU

COMM 1380 Intro to Television Production 2.00 CR
For Communication majors, but open to all students interested in television production. Covers basic tools of television studio production and processes involved in creating a television program, including basic terminology and the duties of studio production technical positions. Corequisite: COMM 1385.
FA, SP

COMM 1385 Intro to Television Prod Lab 1.00 CR
Lab portion of COMM 1380. Corequisite: COMM 1380.
FA, SP

COMM 1400 Voice and Diction 3.00 CR
For students seeking to improve articulation and increase control of the speaking voice, including media, performance, and other majors. Emphasizes skill development, and covers mechanics of speech production, including respiration, phonation, resonance and articulation using the International Phonetic Alphabet.
FA

COMM 1500 Intro to Mediated Comm 3.00 CR
For Communication majors, and other interested students. Required of Mass Communication and Motion Picture Production majors. Introduction to structure, operation, diversity, and effects of mass media. Discusses the different forms of media, including newspapers, magazines, radio, television, computer networks, and motion pictures. Emphasizes developing and defending value judgments about media content and style and the societal relevance of mass media.
FA, SP

COMM 1560 Audio for Converged Media 3.00 CR
For Communication majors, and other interested students. Develops beginning audio production skills for radio, television, motion picture, and online environments, including generating and editing audio for broadcast stations and new media. Combined lecture / lab.
FA, SP

COMM 1610 News Writing & Reporting 3.00 CR
Required of Mass Communication majors, and open to all students with an interest in writing for the print media. A writing intensive course, emphasizing aspects of print journalism and teaches students how to gather and report facts for different types of news stories. Prerequisite: COMM 1130.
SP

COMM 1800 Communications Work Experience 1.00 – 3.00 CR
For students in final year of study at Dixie College. Offers on the job learning in radio, television and journalism work situations. Students meet with the instructor coordinator and the employer at the beginning of the course to determine objectives, hours to be worked, and to sign a credit agreement. Student gains added awareness of actual working requirements. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Prerequisite: Successful completion of COMM 1660, COMM 1720, and COMM 2680.
FA

COMM 1810 Communications Work Experience 1.00 – 3.00 CR
For students in final year of study at Dixie College. Offers on the job learning in radio, television and journalism work situations. Students meet with the instructor coordinator and the employer at the beginning of the course to determine objectives, hours to be worked, and to sign a credit agreement. Student gains added awareness of actual working requirements. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Prerequisite: Successful completion of COMM 1660, COMM 1720, and COMM 2680.
SP

COMM 1820 Communications Work Experience 1.00 3.00 CR
For students in final year of study at Dixie College. Offers on the job learning in radio, television and journalism work situations. Students meet with the instructor coordinator and the employer at the beginning of the course to determine objectives, hours to be worked, and to sign a credit agreement. Student gains added awareness of actual working requirements. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Prerequisite: Successful completion of COMM 1660, COMM 1720, and COMM 2680.
SU

COMM 2010 Media & Society 3.00 CR
Examines relationships between mass communication and society from a variety of theoretical perspectives and social concerns, including roles and performance of contemporary media content; critical evaluation of the uses and effects of media; how contemporary news, entertainment, and advertising content shared a culture’s understanding of women, minorities, children, and other groups; and basic media ethics and laws.
FA, SP

COMM 2020 Forensics Institute 3.00 CR
For students enrolled in the Sun Country Forensics Institute summer workshop seeking to enhance their Policy, Lincoln Douglas, and/or individual event debate knowledge and skills. Repeatable up to 6 credits subject to graduation restrictions.
SU

COMM 2110 Interpersonal Communication 3.00 CR
Fulfills General Education Fine Arts requirement. Required of all Communication majors. Focuses on communication skills in a wide range of interpersonal areas appropriate to business or personal relationships, and involving initiating, developing, maintaining, and controlling the deterioration of relationships, with emphasis on listening, assertiveness, supportive climates, conflict, power management, and disclosure. Introduces the special needs of intercultural communication, and prepares students to effectively express ideas in one to one settings.
FA, SP, SU

COMM 2120 Small Group Communication 3.00 CR
For Communication majors, but open to all students interested in small group communication in familial, work, social, religious, civic, or educational environments. Covers the formal and unspoken rules of conduct, roles, and expectations of performance unique to each group, as well as how to function productively in small group settings. Reviews criteria for effective group decision making.
FA, SP

COMM 2210 Newspaper Production I 1.00 – 3.00 CR
Open to all students as well as Communication majors interested in a Practicum Experience on the Dixie Sun, DSC’s campus newspaper. Required for students who want to work on the student newspaper as writ-
ers, reporters, photographers, editors, directors, or student managers. Provides hands on experience in most facets of producing a weekly newspaper including writing, layout, photography, advertising, journalism and newspaper principles, and holding staff meetings. Some evening work reporting or in production may be required. Students work a minimum number of hours based on the credits for which they register: 6 hours per week for 1 credit, 12 hours per week for 2 credits, or 18 hours per week for 3 credits. 
Variable credit 1.0 – 3.0. Repeatable up to 12 credits subject to graduation restrictions.
FA, SP

COMM 2370  Sports Broadcasting  3.00 CR
Open to all students as well as Communication majors interested in a Practicum Experience broadcasting college and high school sports events. Provides hands on experience in several positions on the broadcast team at a minimum of 10 shoots per semester, including some weekends and evenings.
Repeatable up to 9 credits subject to graduation restrictions.
FA, SP

COMM 2380  Audio Production Practicum I  1.00 – 3.00 CR
Open to all students as well as Communication majors interested in a Practicum Experience on DSC’s campus radio station and a variety of other audio formats. Includes FCC regulations. Basic programming skills, news and sports production, music programming, etc. Students work a minimum number of hours based on the credits for which they register: 6 hours per week for 1 credit, 12 hours per week for 2 credits, or 18 hours per week for 3 credits. 
Variable credit 1.0 – 3.0. Repeatable up to 12 credits subject to graduation restrictions.
Prerequisite: COMM 1560 (can be concurrently enrolled).
FA, SP

COMM 2410  Directing for the Camera  3.00 CR
For Communication majors. Introduces techniques in working relationships between actors and motion picture production personnel. Taught in conjunction with THEA 2033 Acting II to facilitate Theatre students learning techniques and method of acting for the camera and Communication students learning motion picture production in order to integrate talents in student motion picture projects involving student actors. Covers directing, blocking for the camera, interpreting dialogue, learning production vermicular and protocols for actors on a motion picture set, and interpersonal skills between talent and technicians.
FA

COMM 2460  Intro to New Media Production  3.00 CR
For Communication majors and other interested students. Covers theory relevant to structuring content for converged access. Develops desktop video production skills by producing news releases and support material, focusing on acquiring, digitizing, editing, and distributing digital video information. Combined lecture / lab.
FA

COMM 2500  Being Digital: Trends & Issues  3.00 CR
Required of all Communication majors, and open to all student interested in an introduction to digitally integrated media. Covers the history, trends, devices, services, practices, and societal issues associated with the use of modern telecommunication technologies in interpersonal, group, organization, and mass communication settings, including a general and very basic knowledge of the technology of modern digital communication; a general understanding of the trends in these new forms of communication, as manifested in each of the domains of the marketplace: consumers, content, channels of distribution, and stakeholders; and a basic understanding of the societal issues that arise as a consequence of digitally integrated communication technology such as access, privacy, copyright, regulation, etc.
FA, SP

COMM 2600  Screenwriting  3.00 CR
For Communication majors, and other interested students. Develops screenwriting approaches to feature, short, and documentary productions, including identification of structural elements inherent in feature and documentary work, distinguishing how character functions within plot, articulating plot points and transitions, and exploring effective avenues of research for development.
FA

COMM 2630  Storyboarding  3.00 CR
For Communication majors interested in developing storyboard approaches to feature, short and documentary pre production development. Identification of structural elements inherent in storyboarding, distinguishing camera and character movement, using 3D software for virtual storyboarding pre visualization, developing illustration skills through hands on application, and exploring alternative methods of digital motion picture pre visualization via motion picture artifacts are included.
Prerequisite: COMM 2660.
SP

COMM 2660  Intro Digital Motion Picture Production  3.00 CR
Required of Motion Picture Production majors, and open to Communication majors interested in applications of digital motion picture production, including commercial, corporate, Internet, and documentary and feature production. Covers commercial, corporate, Internet, documentary and feature production; critical analysis of effects, and technical and ethical aspects of compositing.
FA

COMM 3010  Nonverbal Communication  3.00 CR
For Communication majors and other students interested in the role behavior plays play in the development and delivery of effective communicative acts and its consequences in an effort to increase students' behavior related skills and applications in social contexts.
Prerequisite: COMM 2110.
FA

COMM 3060  Communication Theory  3.00 CR
Required of Human Communication and Mass Communication majors. Develops awareness, understanding, and application of the complex theories and concepts inherent in the study of Human Communication. Focuses on theoretical, conceptual, and applied research and scholarship that investigates ways in which people communicate, the consequences of those interactions, and the effects new media technologies have on Human Communication processes. Successful completers will develop an understanding of how various components of the communication process interact, will analyze those interactions to identify ways to become a more effective communicator, and apply theories and concepts to everyday life.
Prerequisite: COMM 1050.
FA, SP

COMM 3100  Effective Comm within Educ Contexts  3.00 CR
This course is designed specifically for students whose career objective is classroom teaching. The overall philosophy of this course is that without communication skills, a teacher, as well as most other careers
Course Descriptions

dealing with people, is destined to failure. A teacher must be an expert communicator, not only in the classroom, but also with the parents of students, with other colleagues, and as a representative of the school to the general public. Success or failure of any teacher begins with his or her ability to communicate. Prerequisite: Admission into the Dixie State College elementary education baccalaureate program.

COMM 3110 Interpersonal Small Group Dynamics 3.00 CR
For Communication majors, and other interested students. Designed to address the connection between interpersonal communication and the needs of small groups by exploring how interpersonal communication dynamics affect and are changed by small group contexts, recognizing that the small group environment is unique in its complexity and is entirely dependent upon skilled application of interpersonal theories, concepts, and behaviors, both verbal and nonverbal. Prerequisite: COMM 2110.
Offered in Communication Degree Completion Program.

COMM 3120 Family Communication 3.00 CR
For Communication majors, and other interested students. Study of the complexities and influences of the family structure as representative of culture, including communication structure, interaction patterns, parenthood, abuse, conflict, family goals of finance and education, and dealing with rapid changes in restructuring due to people both entering and leaving the family unit, from the first meeting of partners to the final stages of life. Prerequisites: COMM 2110, and COMM 2120.
FA

COMM 3150 Lying & Deception 3.00 CR
For Communication majors, and other interested students. Addresses what research identifies as an increase in deception in all aspects of human affairs. Students will identify the differences between whole truths, half truths, expedient momentary acts of deception, and how these acts inform culture, while exploring the consequences of deception in human affairs and the ethical violations that accompany these acts. Prerequisite: COMM 2110.
FA

COMM 3170 Advanced Critical Thinking 3.00 CR
For Communication majors, and other interested students. Undertakes rhetorical and content analysis to extract meaningful information from written and spoken messages. Skills are refined through development of substantive and effective written and spoken messages. Prerequisite: Advanced standing.
Offered in Communication Degree Completion Program.

COMM 3190 Intercultural Communication 3.00 CR
Required of Human Communication majors, and open to other interested students. Designed to develop cross cultural, global understanding, and sensitivity. Focuses on theoretical and conceptual immersion in extant cross cultural research and scholarship. Includes in various forms and formats of media, culturally sensitive audience analysis, increased diversity sensitivity and understanding, as well as design and delivery of messages that are culturally sensitive via new media technologies. Prerequisite: COMM 2110.
FA, SP

COMM 3210 Newspaper Production II 1.00 – 3.00 CR
Open to all students as well as Communication majors interested in a Practicum Experience on the Dixie Sun, DSC’s campus newspaper. Required for students who want to work on the student newspaper as writers, reporters, photographers, editors, directors, or student managers. Provides hands on experience in most facets of producing a weekly newspaper including writing, layout, photography, advertising, journalism and newspaper principles, and holding staff meetings. Some evening work reporting or in production may be required. Students work a minimum number of hours based on the credits for which they register: 6 hours per week for 1 credit, 12 hours per week for 2 credits, or 18 hours per week for 3 credits. Variable credit 1.0 – 3.0. Repeatable up to 12 credits subject to graduation restrictions. Prerequisites: COMM 2210, and Instructor permission. FA, SP, SU

COMM 3330 Negotiations & Bargaining 3.00 CR
For Communication majors, and other interested students. Explores the processes and outcomes of negotiation and bargaining principles, theories, and related concepts by engaging in experiential opportunities where they apply those principles and gain skills in negotiation and bargaining in current social and professional settings. Includes professional guest speakers.
SP

COMM 3350 Interviewing 3.00 CR
For Communication majors, and other interested students. Focuses upon dyadic communication conducted specifically for gathering information and seeking entrance into closed workplace, clubs, social, educational, or recreational groups.
SP

COMM 3370 Advanced Sports Broadcasting 1.00 – 3.00 CR
Open to Communication majors and other interested students. Hands on experience in broadcasting live sporting events, including directing, technical direction, announcing, producing, and engineering. Students participate in a minimum of 10 shoots per semester, including some weekends and evenings. Combined lecture and lab. Variable credit: 1.0 – 3.0. Repeatable up to 12 credits subject to graduation restrictions. SP

COMM 3380 Audio Production Practicum II 1.00 – 3.00 CR
Open to all students as well as Communication majors interested in a Practicum Experience on DSC’s campus radio station and a variety of other audio formats. Includes FCC regulations. Basic programming skills, news and sports production, music programming, etc. Students work a minimum number of hours based on the credits for which they register: 6 hours per week for 1 credit, 12 hours per week for 2 credits, or 18 hours per week for 3 credits. Variable credit: 1.0 – 3.0. Repeatable up to 12 credits subject to graduation restrictions. Prerequisites: COMM 1560; AND Instructor permission. FA, SP

COMM 3400 Gender Communication 3.00 CR
For Communication majors, and other interested students. Studies the verbal and nonverbal interactions between men and women to encourage the development of communication skills between genders so that interpersonal and professional interactions are more successful and effective. Prerequisite: COMM 2110.
FA

COMM 3460 Content & Rhetorical Analysis 3.00 CR
For Communication majors, and other interested students. Introduction
to analysis of public communication (speeches, editorials, advertisements, TV, motion picture, etc.) from a variety of rhetorical perspectives. Prerequisite: COMM 1060.

SP

COMM 3480 New Social Media 3.00 CR
For Communication majors and other interested students. Focuses on how and why social media functions, including monitoring personal social media use; gathering data; and analyzing innovations and platforms and their uses in networking, marketing, and disseminating information. FA

COMM 3510 Ethics in Communication 3.00 CR
Required of all Communication majors, and open to other interested students. Requires students to become well informed about communication strategies and skills that will develop an ethical sensitivity applicable to all walks of life through an intensive examination and evaluation of how well or how poorly ethical standards are formed, articulated, applied, and defended. Prerequisite: COMM 1010, OR COMM 2110. FA, SP

COMM 3530 Digital Photojournalism 3.00 CR
For Mass Communication majors, and other interested students. Covers advanced techniques in digital acquisition and manipulation of still images for converged journalism. Covers exposure using digital tools, impacts of the frame in composing for the story, editing for publication, digital darkroom fundamentals, and photojournalism ethics in the digital domain. SP

COMM 3550 Theory Perspectives Org Comm 3.00 CR
For Communication majors, and other interested students. Examines organizational communication theories and concepts in detail, particularly with a view toward modern applications within a range of current professional settings in order to advance students’ abilities to apply appropriate theories and concepts in analyses of organizations, human behavior, organizational policies, and their consequences. Prerequisite: COMM 1050. Offered in Communication Degree Completion Program.

COMM 3560 Visual Communication 3.00 CR
Required of Mass Communication majors, and open to other interested students. An introduction to visual communication as manifested in photography, television, motion pictures, the Internet, and other visual media in order to obtain a basic understanding of the physical and cognitive processes of visual communication, the elements of visual messages, and principles of visual organization that can affect perception, such as Gestalt, framing, vectors, motion, color, and typetyles. FA

COMM 3580 Public Relations 3.00 CR
Required of Public Relations majors, and open to other interested students. Case studies demonstrate major categories of public relations: media relations, employee relations, investor relations, consumer relations, community relations, and government relations. Covers fundamental principles of communication relating to public affairs, persuasion, journalism and public relations. Focuses on using basic public relations tools: news releases, feature stories, photos and captions, print and broadcast advertising, direct mail, printed media, newsletters, video productions, conflict resolution, personal appearances, crisis and program planning, and methods of evaluation, as well as planning events and working under deadlines. Prerequisite: COMM 1130. FA

COMM 3590 Media Management & Sales 3.00 CR
For Communication majors, and other interested students. Covers managerial and sales principles affecting media facility operations: fiscal management, regulations, ratings, program decision making and maximizing human resources in a modern broadcast/telecom environment. Includes basic understanding of the following in a media context: contemporary sales principles and practices; sales and program promotions; facility management principles, including how convergence is changing the nature of those facilities; accounting principles and fiscal management; the history and present status of media regulation; how ratings and circulation are measured and used; and how programs and other content are selected and used. FA

COMM 3600 Convergence Journalism 3.00 CR
Required of Print Journalism majors, and open to other students interested in news and information reporting in broadcast, corporate and Internet contexts. Focuses on developing information gathering skills such as interviewing and research, writing for mass audiences, and integrating digital visual elements into media while developing an understanding of media law, ethics, and cultural sensitivity, political structures and organization. Successful completers will develop competency in writing for mass audiences, including press releases, video news releases, broadcast news, and copy editing and critique. Prerequisite: COMM 1130. FA

COMM 3610 News & Copy Editing 3.00 CR
Required of Mass Communication majors, and open to other students with an interest in print/online media. Helps develop good writing and editing skills as they pertain to print/online news writing, including writing headlines and cutlines. Students may also gain copy editing experience by working with the "Dixie Sun" student newspaper. Prerequisite: COMM 1130. SP

COMM 3640 Digital Motion Picture Pre Production 3.00 CR
Required of Motion Picture Production majors. Focuses on understanding and executing the pre production motion picture process by developing essential components such as production management, production hierarchy and protocols, personnel organization, scheduling and budgeting, collaborative aspects of production, ethics, and cultural sensitivity in this context. Includes technical writing for production breakdown, and organizing and planning for productions on a variety of levels. Prerequisite: COMM 2660. SP

COMM 3650 TV Field Production/Reporting LAB 1.00 CR
Lab portion of COMM 3650. Corequisite: COMM 3655. FA

COMM 3655 TV Field Prod/Reporting LAB 1.00 CR
Lab portion of COMM 3650. Corequisite: COMM 3650. FA
COMM 3660 Digital Motion Picture Production 2.00 CR
Required of Motion Picture Production majors. Focuses on developing theory based skills in single camera production protocols, pre visualization, the camera, shooting, sound, lighting and exposure. Specific skills include cinematography, location audio acquisition, and location and set lighting.
Prerequisite: COMM 3640. Corequisite: COMM 3665.
FA

COMM 3665 Digital Motion Pic Prod LAB 1.00 CR
Lab portion of COMM 3660.
Corequisite: COMM 3660.
FA

COMM 3680 Dig Motion Picture Post Production 2.00 CR
Required of Motion Picture Production majors. Focuses on developing theory based skills in post production, including editing protocols such as line producing, footage and logging reports, digitizing, editing methodology and approaches, Foley and post audio production, non linear editing on Final Cut Pro, post management, shot logging, editing aesthetics, and developing transitions.
Prerequisite: COMM 3660. Corequisite: COMM 3685.
SP

COMM 3685 Dig Motion Picture Post Production Lab 1.00 CR
Lab portion of COMM 3860.
Prerequisite: COMM 3665. Corequisite: COMM 3680.
SP

COMM 3700 Television News Process 2.00 CR
For Communication majors. Develops skills in the process of television news from initial story conception to the role of the producer in creating a completed television newscast or news magazine program, including visual storytelling, electronic news gathering and writing and reporting within the context of television news producer.
Prerequisite: COMM 3650. Corequisite: COMM 3705.
SP

COMM 3705 Television News Process Lab 1.00 CR
Lab portion of COMM 3700.
Prerequisite: COMM 3655. Corequisite: COMM 3700.
SP

COMM 3790 Adv Audio for Converged Media 3.00 CR
Required of Motion Picture Production majors. Develops theory based skills in audio acquisition in motion picture production and news broadcasting environments, including field and studio sound acquisition in mixing multiple sources, using a variety of microphones in proper applications, and engineering samples for post production.
FA

COMM 3830 Editorial & Opinion Writing 3.00 CR
For Communication majors, and other students with an interest in print journalism. Focuses on critical, opinion, and persuasive writing in print mediums in the form of editorials, reviews, columns, letters and cartoons. Emphasizing good writing skills, students will read, analyze, research, and write op ed newspaper content.
Prerequisite: COMM 1130.
FA

COMM 3850 Organizational Communication 3.00 CR
Required of Human Communication majors, and open to other interested students. Focuses on complex processes inherent in organizations, including theoretical, conceptual, and applied research and scholarship that reviews why organizations succeed and why they fail, especially how organizations come to be, analysis of organizations to identify strengths and weaknesses, identification of successful personal roles, and insights into organizational structure and cross communicative patterns within organizations.
FA, SP

COMM 4010 Persuasion 3.00 CR
Required of Human Communication majors, and open to other interested students. Develops awareness, understanding, and application of critical thinking and persuasive message design to achieve intended persuasive effects on specific audiences by focusing on rhetorical, conceptual, and applied research and scholarship that tracks both traditional as well as modern persuasive processes in both oral and written persuasive messages. Critical thinking skills are developed through analysis of audiences and positional arguments and their rhetorical construction.
Prerequisite: COMM 1270.
FA, SP

COMM 4020 Integrated Oral Presentations 3.00 CR
For Communication majors, and other interested students. Develops theory based skills integrating public speaking with technology by expanding presentational skills and message impact through production and incorporation of electronic images. Successful completers will understand integrated delivery strategies and develop a technological foundation to support this sophisticated form of public speaking.
Prerequisites: COMM 1020.
FA

COMM 4030 Applied Org Comm Research 3.00 CR
For Communication majors. Examines modern research initiatives in organizational communication theories and concepts in detail, particularly with a view toward modern applications within a range of current professional settings. Students will design and implement original research emerging from case study. Successful completers will increase their abilities to apply appropriate theories and concepts in analyses of organizations, human behavior, organizational policies and their consequences.
Prerequisite: COMM 4450.
Offered in Degree Completion Program.

COMM 4050 Leader High Performance Teams 3.00 CR
For Communication majors, and other interested students. Emphasizes development of teamwork and the principles of high performance teams, including conceptualization and practice of the many types of leadership and their effective applications. Successful completers will increase skills and understanding of group processes and leadership dynamics within groups.
Prerequisite: COMM 2120.
SP

COMM 4100 Documentary Production 2.00 CR
For Communication majors. Integrates skills in writing, videography, visual storytelling, and editing by conceptualizing, planning, and executing a documentary to completion.
Prerequisite: COMM 2660. Corequisite: COMM 4105.
SP

COMM 4105 Documentary Production Lab 1.00 CR
Lab portion of COMM 4100.
Corequisite: COMM 4105.
SP
COMM 4260  Media Law  3.00 CR
Required of Mass Communication majors, and open to other interested students. Addresses legal and ethical considerations for communication practitioners in new media, by exploring the historical and philosophical underpinnings of media law and by reviewing the major cases which have produced current legal standards. Issues include the First Amendment, print and broadcast media regulation, advertising regulation, Internet law, libel, privacy, trespass, royalties, and copyrights. Prerequisite: ENGL 2010.
FA, SP

COMM 4330  New Media Applications  3.00 CR
For Communication majors, and other interested students. Surveys new developments and applications in converged media, including seeking, using, and evaluating developing technologies focused on communicating, entertaining, and informing, as well as the impact on publishing and broadcasting. Prerequisite: COMM 2500.

COMM 4380  Adv Television Production  2.00 CR
For Communication majors. Integrates studio, live remote, field, and audio production skills by producing and directing a television program. Prerequisite: COMM 3650. Corequisite: COMM 4385.

COMM 4385  Adv Television Production Lab  1.00 CR
For Communication majors. Integrates studio, live remote, field, and audio production skills by producing and directing a television program. Prerequisite: COMM 3650. Corequisite: COMM 4385.

COMM 4450  Communication Research  3.00 CR
Required of Human Communication and Mass Communication majors. Focuses on quantitative and qualitative communication specific research methodologies through a process of Communication research design and analysis. Prerequisite: COMM 3060.
FA, SP

COMM 4490  Comm & Contemporary Issues  3.00 CR
For Communication majors. An analysis of public issues that currently dominate communication including the impact of technology, philosophy, and ideas requiring application of rhetorical principles for more effective communication. Prerequisite: COMM 4010.
FA

COMM 4500  Human Communication & Conflict  3.00 CR
Required of Human Communication majors. Explores the theoretical and conceptual foundations of conflict, primarily at the interpersonal, dyadic level, as well as the sources, types, and outcomes of their application. Successful completers will demonstrate an increase in source of conflict awareness and skill development in resolution techniques, as well as being able to apply this awareness and skill to their personal relationships with others. Prerequisite: COMM 1270.
SP

COMM 4580  Public Relations Case Studies  3.00 CR
Required of Public Relations majors. Exploration of the principles and practices of public relations through the study of contemporary local and national PR case studies, providing a review of the historical evolution of public relations; the principles and theories of that profession; the role research plays as a cornerstone of contemporary PR practice; the terminology, strategies, and approaches used by professionals; public relations' role in society; the relative effectiveness of various PR techniques and tactics; the ethical and legal dimensions of public relations practices; the issues and trends that shape and will continue to shape current and future public relations practices, including the impact of new technology; and public relations' potential as a career. Prerequisite: COMM 1130.
SP

COMM 4640  Feature Writing  3.00 CR
For Communication majors, and other students with an interest in writing for print media. Explores styles and topics of nonfiction writing for both newspapers and magazines and addresses the magazine industry and freelance writing by requiring student to write a variety of feature articles. Prerequisite: COMM 1610.
FA

COMM 4680  Advanced Reporting  3.00 CR
Required of Print Journalism majors, and other students with an interest in writing for print media. A writing intensive course that requires students to develop news writing and reporting skills by covering beats and attempting to get published. Prerequisite: COMM 1610.

COMM 4700  Adv Digital Motion Picture Production  2.00 CR
Required of Motion Picture Production majors. Participants produce student projects in documentary, short motion picture, and commercial media and then post their projects for distribution to motion picture festivals and contests and complete their portfolios and production reels. Focuses on developing skills in directing, production protocol, location and unit production management, and script supervision with advanced skills in the production departments of camera, sound, and grip/electric. Prerequisite: COMM 3660. Corequisite: COMM 4705.
FA

COMM 4705  Adv Digital Motion Pic Pro Lab  1.00 CR
Lab portion of COMM 4700. Prerequisite: COMM 3665. Corequisite: COMM 4700.
FA

COMM 4790  Audio Production Digital Motion Pictures  3.00 CR
Required of Motion Picture Production majors. Examines real world sound environments in producing and developing essential design and mixing skills through hands on application of the software and student produced digital media using production techniques in ambient and studio production with specific skills in Foley, ADR, mixing and re mixing, looping, sweetening, and addressing the theory and application of cinematic audio design using Adobe Audition, Final Cut Pro, and Pro Tools. Prerequisite: COMM 3790.
SP

COMM 4800  Adv Dig Motion Picture Post Production  2.00 CR
Required of Motion Picture Production majors. Post production skills are developed hands on, integrating audio design, sweetening, and composited sequences by using nonlinear editing protocols for Final Cut Pro and Adobe Premier. Prerequisite: COMM 3680. Corequisite: COMM 4805.
SP
COMM 4805 Adv Post Production Lab 1.00 CR
Lab portion of COMM 4800.
Prerequisite: COMM 3685. Corequisite: COMM 4800.
SP

COMM 4890 Directed Study 1.00 – 3.00 CR
For individual Communication majors with advanced standing who wish to pursue a specific focus of study related to their degree emphasis and/or research interest not otherwise available in the current Communication curriculum. Students are closely supervised by appropriate faculty in the design and successful completion of the course. The course is dependent upon a formal contractual arrangement with the faculty member that is submitted at the beginning of the semester in which coursework is undertaken, and is contingent upon the department chair’s approval. Students meet with the faculty mentor each week and provide progress reports for feedback. Students are required meet the college requirement of 45 hours of work per credit. Variable credit 1.0 – 3.0. Repeatable up to 3 credits. Prerequisites: Communication major; and Instructor permission.
FA, SP, SU

COMM 4950 Communication Internship 1.00 – 3.00 CR
Required of all Communication majors. Internship designed to integrate students into professional communication environments to increase competencies and initiate networking. Potential environments include broadcast and feature motion picture production, corporate and business communications, public relations, journalism, etc. Repeatable up to 3 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP, SU

COMM 4980 Senior Seminar 4.00 CR
Required of all Communication majors. Requires a culminating project and related research paper and/or portfolio to allow students to demonstrate competency in and application of Communication knowledge skills. Prerequisite: Instructor permission.
FA, SP, SU

COMPUTER INFORMATION SYSTEMS (CIS)

CIS 1140 Basic Keyboarding 1.00 CR
For students with no prior keyboarding skills. Hands on, self paced course designed to help students learn beginning keyboarding skills and techniques. Successful completers will exit course with a minimum speed of 25 wpm, and are advised to enroll in CIS 1150 for further development.
FA, SP, SU

CIS 1150 Keyboard Skill Building 2.00 CR
For students who have keyboarding skills of at least 25 wpm and wish to build basic keyboarding skills to 40 wpm and/or improve accuracy to no more than 10% error rate through hands on instruction in a self paced environment. Successful completers may enroll in CIS 1160 for further development.
FA, SP, SU

CIS 1160 Adv Keyboard Skill Building 2.00 CR
For students who have keyboarding skills of at least 25 wpm and wish to increase speed and accuracy to a marketable 60 wpm with no more than 10% error rate through hands on instruction in a self paced environment. Successful completers may repeat the course for additional credit with grade determined by individual increases in speed and accuracy. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: CIS 1150.
FA, SP, SU

CIS 1200 Computer Literacy 3.00 CR
Fulfills General Education Computer Literacy requirement. Open to all students. Hands on instruction develops computer skills to access, create, analyze, process and deliver information, including study of computer concepts, operating systems, e mail, word processing, spreadsheet, and presentation software. Grade of B or higher fulfills prerequisite for CIS 2010. Course is self paced with deadlines, but usually requires 6 9 hours per week for successful completion.
FA, SP, SU

CIS 1800 Computer Info. Work Experience 1.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

CIS 1810 Computer Info. Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

CIS 1820 Computer Info. Work Experience 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SU

CIS 2010 Business Computer Proficiency 3.00 CR
Required of all students in the School of Business, and open to other interested students. Includes intermediate and advanced concepts in the Excel spreadsheet application and beginning through advanced concepts in the Access database application. Prerequisite: CIS 1200 (Grade B or higher).
FA, SP, SU

CIS 2400 Word Processing Applications 3.00 CR
Open to all students who wish to expand the basic word processing skills acquired in CIS 1200 in a hand on course. Comprehensive word
processing skills including line, page, and document formatting; graphs; tables; merging; sorting; columns; styles; document generation; macros; templates; and appropriate application of each of these features to enhance the preparation and presentation of a variety of documents. Course is self-paced with deadlines. Prerequisite: CIS 1200.

FA, SP, SU

CIS 2450 Spreadsheet Applications 2.00 CR
Open to all students who wish to expand the basic spreadsheet skills acquired in CIS 1200 in a hands-on course. Includes charts, formulas, functions, and database skills as well as techniques for enhancing the layout and presentation of spreadsheet information. Course is self-paced with deadlines. Prerequisite: CIS 1200.

FA, SP, SU

CIS 2480 Business Presentation Graphics 2.00 CR
Open to all students who wish to expand the visual presentation skills acquired in CIS 1200 in a hands-on course. Includes how to present charts and graphs, computer slide presentations, and other related applications using such techniques as drawing and editing tools to format and create data charts, graphs, and personalized templates as well as using clip art. Course is self-paced with deadlines. Prerequisite: CIS 1200.

FA, SP, SU

COMPUTER AND INFORMATION TECHNOLOGY (CIT)

CIT 1001 First Year Seminar Computing 1.00 CR
First Year Experience seminar course designed to help freshman students interested in computing adapt to college life and become integrated into Dixie State College and the Computer and Information Technology department. Students will refine academic skills, create and foster social networks, learn about college resources, explore the different options available within the CIT department, and learn about career opportunities in Computing.

FA, SP

COMPUTER SCIENCE (CS)

CS 1010 Problem Solving with Computers 3.00 CR
For any student interested in how computers are used to solve problems. This course will introduce the use of computers in problem solving including problem decomposition and algorithm construction. Students will be required to complete simple programming projects.

FA

CS 1400 Fundamentals of Programming 3.00 CR
Required of all students pursuing Computer and Information Technology degrees. Open to all students with a general interest in computer programming. Covers structured programming techniques and the syntax of a high-level programming language through completion of programming projects of increasing difficulty. Course fee required.

FA, SP, SU

CS 1410 Object Oriented Programming 3.00 CR
Required of all students pursuing Computer and Information Technology degrees, open to all students with a general interest in computer programming. Introduces object oriented programming techniques through completion of programming projects of increasing difficulty. Course fee required. Prerequisite: CS 1400 (Grade C or higher).

FA, SP

CS 2420 Intro Algorithm Data Structure 3.00 CR
Required of students pursuing a Computer Science or Information Technology degree or emphasis, open to any student with a strong interest in computer programming. Covers the design and use of common data structures, lists, stacks, queues, trees, hash tables, and graphs through completion of several challenging programming projects. Introduces computational complexity and algorithm analysis. Course fee required. Prerequisite: CS 1410 (Grade C or higher).

FA, SP

CS 2450 Software Engineering 3.00 CR
Required of students pursuing a Computer Science degree or emphasis, open to any student with a strong interest in computer programming. Covers current software engineering theory and practice through completion of a challenging team project.

Course fee required. Prerequisite: CS 2420 (Grade C or higher).

SP

CS 2810 Computer Org & Architecture 3.00 CR
Required of students pursuing a Computer Science degree or emphasis, open to any student with a strong interest in computer programming. Covers digital hardware design and systems programming, including numeric representations, digital logic, processor architecture, instruction sets, assembly language, and other low level programming topics.

Course fee required. Prerequisite: CS 1410 (Grade C or higher).

FA, SP

CS 3000 Internet Publishing & Design 3.00 CR
For students pursuing degrees in Computer Science or Computer Information Technology. Covers Internet publishing and design principles and concepts, including interface design, PHP scripting, intermediate and advanced HTML (Hypertext Markup Language) techniques, Cascading Style Sheets, XML (Extensible Markup Language), JavaScript, Quick-Time Virtual Reality (QTVR), and other advanced web publishing tools.

Course fee required. Prerequisite: CS 2420 (Grade C or higher).

FA, SP

CS 3005 Programming in C++ 1.00 CR
For student pursuing degrees in Computer Science and Computer and Information Technologies, or any student with a strong interest in computer programming. Covers syntax and semantics of C++ programming language through completion of hands on projects. The student must already be fluent in some other programming language.

Course fee required. Prerequisite: CS 1410 (Grade C or higher).

FA, SP

CS 3100 Interactive Multimedia 3.00 CR
For students pursuing degrees in Computer Science or Computer Information Technology. Covers interactive multimedia application development. Introduces hardware and software used to integrate text, sound, graphics, animation, and video into rich content multimedia projects through the use of various computer-based disciplines, including graphic design, digital video, interface elements, and light OOP structured scripting. Successful students will be able to develop professionally designed interactive multimedia interfaces with rich content.

Course fee required. Prerequisite: CS 2420 (Grade C or higher).

FA, SP
CS 3310 Discrete Mathematics 3.00 CR
For students pursuing degrees in Computer Science, or other students interested in counting theory and applications. Covers mathematical reasoning, combinatorial analysis, sets, permutations, relations, computational complexity, and Boolean logic through homework and programming assignments.
Course fee required. Prerequisite: MATH 1210 (Grade C or higher); AND CS 1410 (Grade C or higher). FA

CS 3400 Operating Systems 3.00 CR
Can be used to fulfill a requirement for students pursuing a degree or emphasis in Computer Science, and open to other students. Covers operating systems design and implementation, including processes and threads, synchronization, virtual memory, and file systems.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher). FA (Odd years)

CS 3410 Distributed Systems 3.00 CR
Can be used to fulfill a requirement for students pursuing a degree or emphasis in Computer Science, and open to other students. Covers design and implementation of network applications, including message passing, concurrency, synchronization, scalability, and partial failure.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher); AND IT 2400 (Grade C or higher). FA (Even years)

CS 3500 Application Development 3.00 CR
For students pursuing degrees in Computer Science or Computer Information Technology, or others with an interest in graphical interface design and implementation. Covers the theory and practice of constructing easy to use interfaces through programming graphical environment projects in a variety of languages and platforms.
Course fee required. Prerequisite: CS 1410 (Grade C or higher). FA (Even years)

CS 3510 Adv Algorithms & Data Structures 3.00 CR
Required of students pursuing a Computer Science degree or emphasis. Covers the analysis and design of algorithms and data structures, including graphs, greedy algorithms, divide and conquer algorithms, and dynamic programming.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher); AND CS 3310 (Grade C or higher). SP

CS 3520 Programming Languages 3.00 CR
Required of students pursuing a Computer Science degree or emphasis. Covers the principles and concepts that characterize high level computer programming languages, including function and data abstraction, and imperative, functional, logic and object oriented programming techniques.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher). FA

CS 3530 Computational Theory 3.00 CR
Required of students pursuing a Computer Science degree or emphasis. Covers the theory of computation, including finite state automata, pushdown automata, Turing machines, and equivalent formalisms. Also introduces complexity theory.

Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher); AND CS 3310 (Grade C or higher). SP

CS 3600 Graphics Programming 3.00 CR
Required of students pursuing a Computer Science degree or emphasis, and open to other interested students. Covers 2D and 3D model creation, transformation, and various rendering techniques through completion of programming assignments.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher). SP

CS 4000 Dynamic Web Development 3.00 CR
For students pursuing a Computer Science degree or Computer and Information Technology emphasis. Covers dynamic web development using PHP, and MySQL, including basic scripts and functions, variables, form processing, server side includes, web database integration, database design, database driven web sites, security, and web management systems with an emphasis on Web application.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND VT 1400 (Grade C or higher). FA

CS 4010 Interactive Web Development 3.00 CR
For students pursuing a degree in Computer Science or Computer Information Technology. Also open to other interested students. Covers client side JavaScript web development, including form validation, interactive web page development, DOM manipulation, client side applications, and interaction with server side applications.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND VT 1400 (Grade C or higher). FA

CS 4300 Artificial Intelligence 3.00 CR
Required of students pursuing a Computer Science degree or emphasis. Introduces the broad field of artificial intelligence in computer software followed by specific applications in computer gaming strategies. Students will complete programming assignments.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher). FA

CS 4550 Compilers 3.00 CR
Required of students pursuing a Computer Science degree or emphasis. Covers compiler design and implementation, including lexical analysis, parsing, symbol table management, and generating code through challenging programming assignments.
Course fee required. Prerequisites: CS 2420 (Grade C or higher); AND CS 2810 (Grade C or higher). SP

CS 4600 Senior Project 3.00 CR
Required of students pursuing a Computer Science degree or emphasis. Students will complete an aggressive programming project of software engineering.
Course fee required. Prerequisite: Senior status. SP
COMPUTER SKILLS (COMP)

COMP 1100  Beg Computer & Internet Operations  1.00 CR
For students who need a foundation in the basic operations of a personal computer in a hands-on course, including the basics of computer hardware and software, the Windows operating system, computer concepts, Internet basics, Web browsers, email, and accessories programs. Course is self paced with deadlines.
FA, SP, SU

COMP 1210  Beginning HTML  1.00 CR
Open to all students interested in preparing documents for viewing on the World Wide Web. Introduction to HyperText Markup Language, including Web page format, tables, frames, and linking to graphics and other documents.
FA, SP, SU

COMP 1310  Microsoft Word Fundamentals  1.00 CR
For students who have a foundation in the basic operations of a personal computer and want basic skills using word processors to prepare, edit, and manipulate text. Includes creating, saving, and printing documents; formatting characters, lines, and pages; file management; fonts; spelling, grammar, and thesaurus writing tools; inserting graphic images; and table basics. Self paced (with deadlines), hands on course. COMP 1100 or equivalent skill is a recommended prerequisite.
FA, SP, SU

COMP 1410  Microsoft Excel for Windows  1.00 CR
For students who have a foundation in the basic operations of a personal computer and want basic skills in using computer spreadsheets, including layout and labeling, entering and editing data, the use of mathematical functions for calculations, graphing, and charting results. Self paced (with deadlines), hands on course. COMP 1100 or equivalent skill is a recommended prerequisite.
FA, SP, SU

COMP 1430  Financial Recordkeeping: Quicken  1.00 CR
For all students with an interest in keeping personal financial records. Introduces and gives hands on practice with Quicken, a software program that organizes interrelated account, transaction, credit, and investment information. Course is self paced with deadlines. COMP 1100 or equivalent skill is a recommended prerequisite.
FA, SP, SU

COMP 1435  Financial Recordkeeping: QuickBooks  1.00 CR
For all students with an interest in keeping financial records. Introduces and gives hands on practice with QuickBooks Pro, accounting software for businesses, including invoicing, accounts receivable, accounts payable, payroll, job costing, and report processing. Course is self paced with deadlines. COMP 1100 or equivalent skill is a recommended prerequisite.
FA, SP, SU

COMP 1600  Database Apps Microsoft Access  1.00 CR
For students interested in database management using Microsoft Access. Includes procedures and processes used in creating and maintaining a database. Includes creating tables, forms, reports, querying data in one or several tables, and mailing labels. Self paced (with deadlines), hands on course. COMP 1100 or equivalent skill is a recommended prerequisite.
FA, SP, SU

COMP 1700  Presentation Apps: PowerPoint  1.00 CR
For students interested in creating presentations using Microsoft Power-

CRIMINAL JUSTICE (CJ)

CJ 1001  FYE: Criminal Justice  1.00 CR
First Year Experience course designed to help freshmen interested in criminal justice become acquainted with the discipline, this course will also help students adapt to college life and become integrated into Dixie State College. Students will refine academic skills; create and foster social networks; learn about college resources; and explore degree options, current job opportunities, and various career paths.
FA

CJ 1010  Intro to Criminal Justice  3.00 CR
For students interested careers in law enforcement, adult or juvenile corrections, law, private or industrial security, counseling, or criminology, and persons interested in the functioning of the U. S. criminal justice system. Examines the criminal justice system, police, courts, corrections, and related government functions and agencies. Identifies and explores problems, issues and trends in criminal justice. Uses a variety of teaching methods, including lecture, videos, guest lecturers and assigned text study. This course is required for the associate’s degree in Criminal Justice and prepares students and for bachelor’s degree work.
FA, SP

CJ 1070  Law Enforcement Academy I  3.00 CR
Restricted to students enrolled in Module I of the law enforcement academy program leading to State certification as a Special Function Officer. Register through Criminal Justice advisor.

CJ 1080  Law Enforcement Academy II  3.00 CR
Restricted to students enrolled in Module II of the law enforcement academy program leading to State Certification as a Peace Officer. Register through Criminal Justice advisor.

CJ 1300  Intro to Corrections  3.00 CR
For students interested careers in law enforcement, adult or juvenile corrections, private or industrial security, law, or criminology. Examines corrections philosophy, history, punishment of offenders, and rehabilitation. Also identifies problems, issues and trends in the corrections system. Uses lectures, videos, guest lecturers and assigned text study. Develops a foundation for a career in corrections or law enforcement.
FA

CJ 1330  Criminal Law  3.00 CR
For students interested careers in law enforcement, adult or juvenile corrections, law, private or industrial security, or criminology, as well as those who may desire to learn about criminal law in society. Discusses
Course Descriptions

CJ 1340 Criminal Investigation 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, private or industrial security, or law. Examines the duties and problems of the criminal investigator, report writing, record keeping, use of informants, trial preparation and testifying. In depth examination of the investigation needs of specific crimes like sex crimes, arson, robberies and others. Using lectures, videos, guest lecturers and assigned text study, helps students develop a foundation for basic understanding of investigative techniques.
Prerequisite: CJ 1010.
FA

CJ 1390 Police Field Operations 3.00 CR
Provides students with the knowledge needed by patrol and field officers, including an understanding of report writing as well as officer field note taking. Covers interviewing witnesses, search, seizure, arrest, and custody. Course covers Tennessee v. Gardner and the use of force doctrine and how it applies in field operations.
Prerequisite: CJ 1010.
Offered based on student need.

CJ 1800 Criminal Justice Work Exper. 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

CJ 1810 Criminal Justice Work Exper. 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

CJ 1820 Criminal Justice Work Exper. 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

CJ 2020 Criminal Justice Supervision 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, private or industrial security, or law. Covers principles of supervision, including motivation, discipline, evaluation, scheduling, work assignments, stress management and functioning of line and staff, using lectures, videos, guest lecturers, practical problem solving, and text study.
Prerequisite: CJ 1010.
Offered based on student need.

CJ 2310 Computerized Legal Research 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, private or industrial security, law, criminology, school counseling, or teaching. Examines the origin, philosophy and development of the juvenile justice system, juvenile court, relationship of various segments of the juvenile justice system and also examines theories of juvenile criminality and trends in treatment. Uses lectures, videos, guest lecturers and assigned text study. Provides a foundation for work with juveniles.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 2330 Juvenile Justice 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, private or industrial security, law, criminology, school counseling, or teaching. Examines the origin, philosophy and development of the juvenile justice system, juvenile court, relationship of various segments of the juvenile justice system and also examines theories of juvenile criminality and trends in treatment. Uses lectures, videos, guest lecturers and assigned text study. Provides a foundation for work in the criminal justice field or for students intending to attend the law enforcement or corrections academy.
Prerequisite: CJ 1010.

CJ 2350 Laws of Evidence 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, private or industrial security, law, or criminology. Deals with the principles and rules of law emphasizing evidentiary problems related to criminal cases. Uses lectures, videos, guest lecturers and assigned text study. Provides a foundation for work in the criminal justice field or for students intending to attend the law enforcement or corrections academy.
Prerequisite: CJ 1010.

CJ 2360 Juvenile Law & Procedure 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, private or industrial security, law, criminology, school counseling, or teaching. Examines the history and development of laws dealing with juveniles, procedures in juvenile hearings and juvenile court with special emphasis on Utah law. Uses lectures, videos, guest lecturers and assigned text study. Provides a foundation for work with juveniles.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 3020 Cyber Law 3.00 CR
Explains and identifies major court cases and legislative law relating to computer crime, including a basic understanding of legal liability and responsibilities in regards to computer search and seizure issues.
Prerequisite: CJ 1010.
Offered based on sufficient student need.
CJ 3100 Criminal Profiling 3.00 CR
Teaches students to describe the traits and characteristics of offenders in specific criminal cases and helps them to apply those characteristics to factual situations where the student can determine the characteristics of an unknown suspect.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 3320 Criminal Procedure: Arrest/Search/Seiz 3.00 CR
Examines procedural requirements for judicial processing of criminal offenders, including the rights of the accused, general court procedures, trial preparation, and principal constitutional law as applicable to criminal justice practitioners.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 3400 Drugs and Crime 3.00 CR
Explains the international aspect of the growth, production and distribution of controlled dangerous substances, including the manufacture, cultivation, and distribution of controlled dangerous substances in the United States as well as strategies that have been used to combat the problem.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 3800 Comp Forensics & Cyber Crime 3.00 CR
Explains the evolution of computer crime and gives a basic understanding of computer forensics, including the investigation and prosecution of computer crime cases. Also covers the 1st and 4th amendments to the Constitution and their application to search and seizure in computer crime related cases.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 3820 Crime Scene Invest Techniques 3.00 CR
Areas covered will be documentation of the crime scene as well as handling and chain of custody of evidence. The class will also cover the understanding of report writing and photography at the crime scene.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

CJ 4200 Ethical Issues in CJ 3.00 CR
For students interested in careers in law enforcement, adult or juvenile corrections, law, or criminology. Examines criminal justice system, police, courts, corrections, and related government functions and agencies, identifying and exploring ethical problems, issues, and trends.
Prerequisite: CJ 1010.
Offered based on sufficient student need.

DANCE (DANC)

DANC 1010 Dance Appreciation 3.00 CR
Fulfills General Education Fine Arts requirement. For all students with an interest in dance. Introduces basics of dance: the definition, history, different types and styles, as well as an understanding of and appreciation for dance as an art form. Successful completers will be familiar with individuals who have made significant contributions to the field of dance and will be able to make certain critical analyses of dance through identification of style, form, content, and technique. Involves lecture, videos, observation, and participation.
FA, SP

DANC 1100 Classical Ballet I 2.00 CR
For students pursuing a major in Dance, and for others interested in developing ballet skills. Introduces the fundamentals of classical ballet through movement, including body alignment, technical skills (barre and center) and ballet terminology, in a structured studio setting. Repeatable up to 6 credits subject to graduation restrictions.
FA

DANC 1170 Social Dance 1.00 CR
Beginning ballroom dance course open to all students interested in developing skills in social dance. Introduces basic ballroom dance movements and routines, as well as specific demands of correct partner work. Includes studio instruction in selected dances, and mastery of step patterns, movement quality, and style.
FA, SP

DANC 1200 Modern Dance I 2.00 CR
For students pursuing a major in Dance, and for others interested in developing modern dance skills. Introduces basic modern dance movements and an understanding of an appreciation for modern dance in a studio setting. Repeatable up to 6 credits subject to graduation restrictions.
FA, SP

DANC 1500 Jazz Dance I 2.00 CR
For students pursuing a major in Dance, and for others interested in developing jazz dance skills. Introduces American jazz dance with an emphasis on technique. Rhythmic structures and personal expression will be explored in a studio setting.
FA

DANC 1510 Ballroom Dance I Standard 1.00 CR
For students interested in developing skills in International Standard Ballroom Dance, including Waltz, Foxtrot, Tango, and Quickstep. Emphasizes beginning skills of correct dance position, rhythm, footwork, and etiquette in a studio setting.
FA, SP

DANC 1520 Ethnic Dance I 1.00 CR
For students interested in developing skills in international ethnic / folk dance. Introduces students to dance styles from around the world. Students will learn standard steps and formations for a variety of dances in a studio setting.
Offered based upon sufficient student need.

DANC 1530 Ballroom Dance I/Int'l Latin 1.00 CR
For students interested in developing skills in International Latin Ballroom dance, including Cha Cha, Samba, Rumba, and Jive. Emphasizes beginning skills of correct dance position, rhythm, footwork, and etiquette in a studio setting.
FA

DANC 1540 Movement for Musical Theatre 1.00 CR
For students pursuing majors in Dance, Music, or Theatre, and for other students interested in developing skills in dance movement styles for musical theatre. Covers style and technique in preparation for Dixie State College musical theatre productions, and can include tap and character dance. Taught in a structured studio setting. Repeatable up to 4 credits subject to graduation restrictions.
Offered Based upon sufficient student need.
DANC 1800 Dance Company I 2.00 CR
For students who are members of the Dixie State College Dance Company. Includes dance techniques, performing skills, artistic impression aspects of dance performance, emphasizing the development of personal discipline and collaborative skills through rehearsal and performance of dance. Audition required. Repeatable up to 6 credits subject to graduation restrictions. Course fee required. Prerequisite: Instructor permission.
FA, SP

DANC 1900 Dance Composition I 2.00 CR
For students pursuing a major in Dance, and for other students interested in developing skills in dance composition. Fundamentals concepts of dance composition / choreography are explored, and the elements of space, time, and qualities of movement are the basis for compositional study. Requires some previous dance experience. Prerequisite: Instructor permission required. Offered based upon sufficient student need.
FA, SP

DANC 2100 Classical Ballet II 2.00 CR
For students pursuing a major in Dance, and for others interested in developing ballet skills. Continuing DANC 1100, focuses on progression and development of ballet vocabulary and technical skills, with increased difficulty at the barre, center floor, and traveling steps, in a structured studio format. Repeatable up to 6 credits subject to graduation restrictions. Prerequisite: DANC 1100.
FA, SP

DANC 2200 Modern Dance II 2.00 CR
For students pursuing a major in Dance, and for others interested in developing modern dance skills. Continued study of modern dance movements and an understanding of an appreciation for modern dance in a structured studio setting. Repeatable up to 6 credits subject to graduation restrictions.
FA, SP

DANC 2211 Pointe I 1.00 CR
Students with at least basic ballet experience will gain an understanding of the correct way to arrive en pointe with one or two feet, and grow in strength and agility within the classical ballet repertoire. Successful completers will be able to successfully execute a short, simple variation en pointe. Offered based upon sufficient student need.

DANC 2500 Jazz Dance II 2.00 CR
For students pursuing a major in Dance, and for others interested in developing jazz dance skills. Continuing DANC 1500, focuses on more difficult combinations and introduces performance styles so students will further develop a personal style of movement in a structured studio setting. Repeatable up to 6 credits subject to graduation restrictions.
SP

DANC 2510 Ballroom Dance II Int'l Std 1.00 CR
Continuation of DANC 1510. Further development of in International Standard Ballroom Dance, including Waltz, Fox Trot, Tango, and Quickstep. Greater emphasis is given to footwork, posture, movement, rhythm, and alignment in an enjoyable, structured class. Prerequisite: DANC 1510.
FA, SP

DANC 2530 Ballroom Dance II, Int'l Latin 1.00 CR
Continuation of DANC 1530. Further development of in International Standard Ballroom Dance, including Samba, Cha Cha, Rumba, Paso Doble and Jive. Greater emphasis is given to footwork, posture, movement, rhythm, and alignment in an enjoyable, structured class. Prerequisite: DANC 1530.
FA, SP

DANC 2800 Dance Company II 2.00 CR
For students who are members of the Dixie State College Dance Company. Includes dance techniques, performing skills, artistic impression aspects of dance performance, emphasizing the development of personal discipline and collaborative skills through rehearsal and performance of dance. Audition required. Repeatable up to 6 credits subject to graduation restrictions. Course fee required. Prerequisite: Instructor permission.
FA, SP

DANC 3200 Modern Dance III 2.00 CR
For students pursuing a Dance major. Advanced course in modern dance technique in continuation of DANC 2200. Increased difficulty will enhance the quality of modern dance movements, as well as technical and performing skills. Prerequisite: DANC 2200. Offered based on sufficient student need.

DENTAL HYGIENE (DHYG)

DHYG 1010 Dental Hygiene Theory I 4.00 CR
Covers the theoretical foundations of preventative oral health services used in the dental hygiene process. Emphasizes prevention of disease transmission, body mechanics, patient assessment, basic dental hygiene instrumentation, oral healthcare planning, extrinsic stain removal, topical anesthesia, ethical decision making, and the role and responsibilities of the dental hygienist. Prerequisite: Admission to the Dixie State College Dental Hygiene program.
FA

DHYG 1015 Dental Hygiene Clinic I 3.00 CR
Clinical portion of DYHG 1010, including clinical and laboratory application of introductory skills essential to rendering oral health services to patients with emphasis on basic dental hygiene instrumentation. Course fee required. Prerequisite: Admission to the Dixie State College Dental Hygiene program.
FA

DHYG 1015 Dental Hygiene Clinic II 3.00 CR
Clinical portion of DYHG 1015, including clinical and laboratory application of introductory skills essential to rendering oral health services to patients with emphasis on basic dental hygiene instrumentation. Course fee required. Prerequisite: Admission to the Dixie State College Dental Hygiene program.
FA

DHYG 1800 Dental Hygiene Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

DHYG 1810 Dental Hygiene Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career inter-
est may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

**DHYG 1820 Dental Hygiene Work Experience** 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

**DHYG 2020 Radiology** 2.00 CR
Covers the nature and production of X rays and basic principles and procedures in oral radiology. Emphasizes radiation physics; radiation biology; radiation protection; basic intraoral radiographic techniques; film processing; and mounting procedures as well as supplemental intraoral, extraoral, and localization techniques; radiographic interpretation; and patient management topics. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2025 Radiology Clinic** 1.00 CR
Clinical portion of DYHG 2020, emphasizing intraoral radiographs on mannequins and patients. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2040 Tooth Morphology** 1.00 CR
Covers the structures that make up the roof, the floor, and the lateral borders of the oral cavity proper at all stages of development, including oral cavity, tooth functions, terminology, fundamental and preventative curvatures of the oral cavity, the dentition, the development, form, eruption of the teeth, occlusion, dental anomalies, supporting structures of the teeth, clinical consideration of dental anatomy, tooth identification and morphology, and examination of deciduous dentition. Prerequisite: Admission to Dixie State College Dental Hygiene program.

**DHYG 2045 Tooth Morphology Lab** 1.00 CR
Laboratory portion of DHYG 2040.

**DHYG 2062 Medical Emergencies** 3.00 CR
Covers psycho social, physical and oral characteristics of patients with special needs. Also included are the care and clinical management of special needs patients and management of medical emergencies in the clinical setting. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2072 Oral Anatomy Histology Embryology** 4.00 CR
Cover the structure and anatomical systems of head and neck. Emphasizes bones, muscles, blood supply, glandular tissue, TMJ, nervous system, lymphatic’s, fascia and spaces, dental infection, the eye, the ear, and local dental anesthesia that have dental significance. Comprehensive presentation of embryonic and general histological fetal and postnatal development of tissues and structures of the head and oral cavity, including tooth development. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2510 Dental Hygiene Theory II** 3.00 CR
Continuation of the study of the theoretical foundations of preventative and therapeutic oral health services used in the dental hygiene process with emphasis on preparation for patient care. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2517 Dental Hygiene Clinic II** 4.00 CR
Clinical portion of DYHG 2510
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2520 General/Oral Pathology** 3.00 CR
Analysis of the principles of disease processes and general pathology, including cell injury, inflammation, neoplasia, and circulatory disturbances. Following this, the study of patholgy of the teeth and the supporting and associated oral structures will be evaluated, with emphasis on the clinical and radiological appearance of local and systemic disease processes affecting the oral and facial structures.
Course fee required. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2530 Pharmacology** 2.00 CR
Preparation, chemical formula, effects, and applications of pharmaco logical and therapeutic agents are analyzed, including medical agents used in the prevention and management of emergencies in the dental field. Emphasis will be placed on prescription and nonprescription drugs commonly used by patients which may require the alteration of treatment procedures and / or medications used in the dental setting.
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2540 Periodontics I** 3.00 CR
Principles of periodontology involving assessment, etiology, risk factors, and classification of periodontal disease; basic treatment planning; and non surgical periodontal therapy, as well as various types of therapeutic techniques available.
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

**DHYG 2550 Dental Materials** 1.00 CR
Introduction to various dental products and materials with a comprehensive background in the art and science of dental materials use, including the physical properties, advantages, and disadvantages of metals, hydrocarbons, and other dental materials, as well as evaluation of allergenicity and
other complications that may arise as a result of the use of these materials. 
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 2585 Dental Materials Lab 1.00 CR
Laboratory portion of DYHG 2580.
Prerequisite: Admission to Dixie State College Dental Hygiene program.

DHYG 3015 Dental Hygiene Clinic IV 5.00 CR
Service Learning course. Supervised experience in the clinical setting with continued development of clinical proficiency and decision making in rendering comprehensive preventive oral health services using dental hygiene processes. Emphasis on clinical appreciation and development of skills in maintenance, management and evaluation of the periodontal patient; treatment planning; disease control; scaling and root planning for the periodontally involved patient; and increased treatment in the expanded duties of the dental hygienist.
Course fee required. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3020 Special Needs 2.00 CR
Service learning course that covers the psycho social, physical and oral characteristics of special needs patients in the clinical setting, including active involvement in teaching, treating, and managing the case of the special needs patient in the local community. Involves clinical experience with the special needs community.
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3030 Periodontics II 3.00 CR
Continuation of DYHG 2540 with emphasis on aggressive forms of periodontal disease, periodontal treatment planning, maintenance procedures, surgical procedures, related systemic diseases and therapy.
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3050 Legal & Ethical Issues 2.00 CR
Current legal and ethical issues that influence the practice of dental hygiene.
Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3055 Expanded Functions Clinic I 1.00 CR
Clinical application of expanded duties for the dental hygienist, including anesthesia, placing and removing rubber dams; matrix and wedge; placing bases and liners; placing, carving, and finishing amalgam restorations; placing and finishing tooth colored restorations; placing temporary restorations; and four handed dentistry.
Course fee required. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3060 Community Dental Health I 2.00 CR
Introduction to the principles of dental public health, community dental health education and community program planning in order to prepare the dental hygiene students for the role of dental public health prakti-
DHYG 3850 Expanded Functions Lab 1.00 CR
Clinical introduction to various dental functions in the dental practice, including taking impressions, selecting and placing different restorative materials, and polishing and contouring restorations. Lab fee required. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3890 Pain Control Methodology 1.00 CR
Introduces the administration of local anesthetics and nitrous oxide/oxygen analgesia. Use of pharmacological agents in the dental office are compared, contrasted, and justified. Covers physical and emotional evaluation and consideration of patients, as well as anatomical and neuro-physical characteristics. Management of medical emergencies is analyzed and related to pharmacological agents used in the dental setting. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 3895 Pain Control Methodology Clinical 1.00 CR
Clinical portion of DHYG 3890. Allows the student to practice the administration of local anesthetic and nitrous oxide/oxygen analgesia to patients. Prerequisite: Admission to the Dixie State College Dental Hygiene program.

DHYG 4010 Biostatistics & Epidemiology 3.00 CR
Online course covering principles and methods of epidemiologic investigation and the use of classical statistical approaches to describe the oral health of populations. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4020 Research Methodology 3.00 CR
Online course covering fundamental and working knowledge of scientific method employed in oral health research. Students will perform critical analysis of research utilizing scientific method and evidence based publications. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4030 Leadership & Group Dynamics 3.00 CR
Online course covering focusing on the theories, concepts, and principles of leadership; emphasizes the development of leadership skills related to personal behavior, communication, organization, and self-examination; and explores the opportunity to develop leadership roles appropriate to the dental hygiene profession. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4150 Instruct Design & Measurement 3.00 CR
Online course introducing basic educational concepts of teaching health care professionals, including educational planning, course development and design, goals and learning objectives, and evaluation and measurement. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4520 Instructional Practice 3.00 CR
Online course providing students with knowledge and skills involved in laboratory and clinical instruction, while stressing psychomotor skill development, analysis, and remediation of performance problems. Includes lecture and clinical application of knowledge. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4530 Psych. & Philosophical Fdns 3.00 CR
Online course introducing teaching philosophies and methodologies. Covers foundations of teaching such as principles of learning, learning styles and motivation, case based learning, and using educational media and software. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4540 Cultural Diversity Care Comp 3.00 CR
Online course covering the knowledge, skills, and attitudes that are vital for cultural competency and delivery of cultural care. “Health, Illness, and Healing” are explored across many diverse cultures along with reflection of the student’s own perceptions. Complex issues related to the delivery of health care both on a national level and to populations with unique culture and socialization processes are examined. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4550 Dental Public Health Administration 3.00 CR
Online course covering administrative infrastructure of public health, including profile comparisons of the international, federal, state, and local public health entities. Includes the public health paradigm on the general policies, philosophies, and current public/community health issues, while introducing the process of evaluating community health settings and health care services, as well as social responsibilities regarding professional ethics applicable to the essential public health services, impact of service learning, and disparities in health care. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4560 Community Services Practice 3.00 CR
Online Service Learning course that reviews the roles and responsibilities of the private practice dental hygienist as compared to those expected of the public health dental hygienist by engaging the student in supervised community health activities in oral health assessment needs, and evaluation of current and future oral health interventions (both oral care and disease prevention) from the dental public health perspective. The student will have the opportunity to administer oral health care/prevention in a variety of settings, both in house and outreach through involvement with community oral health policy development and program planning skills based on evidence based practices. Requires clinical hours. Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.
DHYG 4565 Expanded Functions Certificate 2.00 CR
Service Learning clinical/lab course including lab and clinical application of advanced procedures emphasizing pain control methods, restorative expanded functions, and four handed dentistry, including duties related to amalgam, composite and temporary restorations placement.
Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.

DHYG 4570 Senior Project 3.00 CR
Online capstone course provides students with the opportunity to apply knowledge of chosen professional track to develop an action plan and implement it through teaching, internship and observation, or work experience at on and off campus sites in order to develop the expanding role of the dental hygienist.
Prerequisite: Admission to the Dixie State College Bachelor’s of Dental Hygiene program.
SP, SU

ECON 1010 Economics of Social Issues 3.00 CR
Fulfills General Education Social Science requirement. Does not fulfill School of Business degree requirements. Offers an introduction to the economic theories of scarcity, consumer and producer choice, competition and monopoly, labor, capital, resource markets, antitrust and other government regulations, and income distribution in order to understand and appreciate the ideas, processes, dynamics, and institutions that underlie the social and economic system.
FA, SP

ECON 1740 Economic History of the U.S. 3.00 CR
Fulfills the General Education American Institutions (Utah State Code R470) requirement. Surveys the development of economic institutions and process of material growth in the United States from colonial times to the present. Employs lectures, discussion, audio visual materials, and various other instructional methods. Successful students will demonstrate a reasonable understanding of the history, principles, form of government, and economic system of the United States, as well as an appreciation of the American heritage and the responsibilities of American citizens.
Prerequisite: Reading placement score of 17 or higher, or ENGL 1470.
SP

ECON 2010 Micro Economics 3.00 CR
Fulfills General Education Social & Behavioral Science requirement. Required of students pursuing majors in the School of Business. Offers an introduction to the economic theories of scarcity, consumer and producer choice, competition and monopoly, labor, capital, and resource markets, antitrust and other government regulation, and income distribution in order to understand and appreciate the ideas, processes, dynamics, and institutions that underlie the social and economic system.
FA, SP, SU

ECON 2020 Macro Economics 3.00 CR
Fulfills General Education Social & Behavioral Science requirement. Required of students pursuing majors in the School of Business. Offers an introduction to the economic theories of scarcity, supply and demand, the role of government, international trade and finance, inflation, depression, economic growth, and government debt in order to understand and appreciate the ideas, processes, dynamics, and institutions that make the American economy work.
Prerequisite: ECON 1010.
FA, SP, SU

ECON 3500 International Economics 3.00 CR
For students in the School of Business. Covers economic activity that crosses a national border, including the history of and current movement of capital and labor across international borders. Since international transactions are beyond the reach of national laws and policies, international economics must also include an overview of the international institutions practices that regulate the flow of goods, resources, and money between countries.
Prerequisite: ECON 2020.
FA

EDUCATION (EDUC)

EDUC 1000 Transition to Teaching 1.00 CR
For Alternative Route to Licensure (ARL) teachers only. This orientation class will assist ARL teachers who have a bachelor's degree in a content area taught in Utah schools make a successful transition to teaching through the Alternative Route to Licensure program. Course topics include an overview of the ARL program, an overview of the competencies teachers are expected to master in a school setting, and the professional roles and responsibilities of a teacher.
Prerequisites: Admission to the Dixie State College ARL program; and Instructor permission.
Offered based upon sufficient student need.

EDUC 1001 Freshman Seminar in Education 1.00 CR
First Year Experience course recommended for entering freshmen and transfer students with 0–24 credits. Designed to help students adapt to college life and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities in Education.
FA, SP

EDUC 1010 Foundations/Intro to Education 3.00 CR
Required prerequisite course for both the Elementary Education degree and the Secondary Education Teaching (SET) program. Provides an overview of vocational aspects of a teaching career including: certification requirements, foundations of education, current and historical issues in education, an overview of current trends in methodology, and classroom management. This class provides students with an opportunity to assess oneself as a prospective teacher. Various teaching methods are used including lecture, cooperative learning, inquiry methods, direct instruction and mastery learning. Students are required to do two full observation days in local K 12 school settings.
FA, SP, SU

EDUC 1800 Education Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA
EDUC 1810 Education Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

EDUC 1820 Education Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

EDUC 2010 Intro to Exceptional Learners 3.00 CR
Required prerequisite course for both the Elementary Education degree and the Secondary Education Teaching (SET) program. Provides an overview of exceptional students and examines the teacher’s role in integrating these students into the K-12 classroom. Identifies characteristics and special needs of students who have physical, emotional, social, mental, or health exceptionalities. In addition, students will learn the basic laws and policies of Special Education and the key characteristics of inclusion and co-teaching.

EDUC 2400 Foundations Multicultural/ESL 3.00 CR
Required prerequisite course for both the Elementary Education degree and the Secondary Education Teaching (SET) program. Teacher candidates will examine a variety of theoretical frameworks associated with multicultural education and current issues affecting diverse students in the educational setting. The course content and assessments will provide teacher candidates with opportunities to discuss and reflect on issues of race, gender, individual differences, and ethnic as well as cultural perspectives. Additionally, a foundation of language acquisition theory and sheltered English techniques will also be introduced to address the needs of English Language Learners. This course also partially fulfills the requirement for ESL Endorsement.

EDUC 2500 Tech/Electronic Portfolios K12 3.00 CR
Required prerequisite for both the Elementary Education and the Secondary Education Teaching (SET) programs. Teacher candidates will learn basic computer programs and technology tools that will be used to create productive learning environments in the educational setting. For example, computer programs will address grading software, creating databases, spreadsheets, word processors, e-mail, bulletin boards, Internet access, educational websites, and Smartboards. In addition to these technology tools, students will develop an electronic portfolio based on INTASC (New Teachers Assessment and Support Consortium) and NET (National Educational Technology Standards for Teachers). This eportfolio will enable pre service teachers to document professional growth in a wide range of knowledge, skills, and dispositions through tangible arti-
ELEMENTARY EDUCATION (ELED)

ELED 3100 Curriculum Design Plan Assess 3.00 CR
Required for all Elementary Education students. Teacher candidates will learn how to convert their knowledge of subject matter into effective lessons that meet the needs of a wide range of students. They will learn how to develop lessons that are grounded in a backward design approach. This approach focuses on creating a curriculum design that will help their students develop critical thinking skills and enduring understanding. Teacher candidates will create a mini teacher work sample that will be implemented in a local elementary classroom during their practicum experiences to provide real experience and evidence of their pedagogical knowledge. Combined lecture/practicum course.
Prerequisite: Admission to the Dixie State College Elementary Education Program.
FA, SP

ELED 3150 Principles Early Childhood Ed 2.00 CR
Required for all Elementary Education students. Course will focus on the historical and philosophical foundations of early childhood education as well as the current issues in the field. Principles of effective teaching techniques and approaches to early childhood curricula emphasizing developmentally appropriate practices, constructivism, and integrated child centered curriculum will be explored.
Prerequisite: Admission to the Dixie State College Elementary Education Program.
FA, SP

ELED 3250 Effective Classroom Mgmt 3.00 CR
Required for all Elementary Education students. Course is designed to help the teacher candidate develop skills related to the management and leadership of the elementary classroom. Areas include: discipline, procedures and routines, interpersonal relationships, classroom environment, learner motivation, and parental involvement. Students will design a comprehensive Classroom Management Plan (CMP). Combined lecture/practicum course.
Prerequisite: Admission to the Dixie State College Elementary Education Program.
FA, SP

ELED 3300 Literacy Intermediate Grades 3.00 CR
Required for all Elementary Education students. Course will focus on developing the pedagogical knowledge and skills necessary to provide appropriate literacy instruction for students in the intermediate grades (3-6). The course content will focus on the core areas (i.e., comprehension, content area reading, assessment, intervention) necessary to build strong literacy skills, and differentiation strategies needed for readers with diverse backgrounds. Teacher candidates will practice these pedagogical skills during a field experience in the public schools. Combined lecture/practicum course.
Prerequisite: Admission to the DSC Elementary Education Program.
FA, SP

ELED 3350 Literacy Acquis Young Children 3.00 CR
Required for all Elementary Education students. Course will focus on developing the knowledge and skills necessary to provide developmentally appropriate literacy instruction for emerging readers. The course content will focus on the core areas (literacy development, phonemic awareness, phonics, fluency and word knowledge) necessary to build a strong literacy foundation along with differentiation strategies needed for developing readers with diverse backgrounds. Teacher candidates will be develop those pedagogical skills during a field experience in the public schools. Combined lecture/practicum.
Prerequisite: Admission to the Dixie State College Elementary Education Program.
FA, SP

ELED 3410 Lang Acquisition Cognition ESL 3.00 CR
Required for all Elementary Education students. This course partially fulfills the requirement for ESL Endorsement. This course is designed to prepare teacher candidates to become professional teachers who understand the theory of second language acquisition in order to provide linguistically and culturally appropriate instruction as well as, learning opportunities for ESL students in elementary schools. Teacher candidates will also develop awareness of the different sources that lead to cultural bias in instructional techniques and materials. Teacher candidates will also develop ways to reduce these and other forms of bias. Pedagogical knowledge will be gained through practicum experiences in local elementary schools. Combined lecture/practicum.
Prerequisite: Admission to the Dixie State College Elementary Education Program.
FA, SP

ELED 3420 Assessment for ESL Education 3.00 CR
Required for all Elementary Education students. This course partially fulfills the requirement for ESL Endorsement. This course is designed to further develop competencies in current assessment practices in both ESL and mainstream education. Teacher candidates will learn about implementing assessment and making them useful, meaningful and equitable. Teacher candidates will have the opportunity to explore and evaluate the relationship between teaching and assessment. Pedagogical knowledge will be gained through practicum experiences in local elementary schools. Combined lecture/practicum.
Prerequisite: Admission to the Dixie State College Elementary Education program.
FA, SP

ELED 3500 Methods Healthy Lifestyle/PE 3.00 CR
Required for all Elementary Education students. This course develops the knowledge, skills and dispositions necessary to teach healthy lifestyles and physical education to elementary ages children. The purpose of the course is to enable prospective teachers to plan, implement and evaluate lessons that address healthy lifestyles and physical education objectives of the curriculum for elementary students. Students will practice their skills in a practicum in the public schools. Combined lecture / practicum.
Prerequisite: Admission to the Dixie State College Elementary Education program.
FA, SP

ELED 3550 Curriculum Early Childhood Ed 3.00 CR
Required for all Elementary Education students. This course will prepare teacher candidates to plan and implement an integrated curriculum with developmentally appropriate activities for young learners of diverse backgrounds. The course will emphasize lesson plan development, routines and schedules, curriculum philosophies, presentation skills, and resource development aligned with state and national standards. Teacher candidates will practice applying their learning during a field experience. Combined lecture / practicum.
Prerequisite: Admission to the Dixie State College Elementary Education program.
FA, SP

ELED 3650 Assessment of Young Children 2.00 CR
Required for all Elementary Education students. This course will focus on
developing the skills and knowledge for accurately and appropriately assessing the learning and abilities of young children. Both formal and informal assessment strategies and data collection procedures for evaluating children's progress will be presented. Teacher candidates will learn how to use assessment to plan more appropriate instruction for young learners. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 3900 Diff Instruct Exceptional Child 3.00 CR
Required for all Elementary Education students. Students will learn about teaching exceptional students, working with parents and specialists, and providing appropriate instructional experiences for children across the academic continuum. They will explore the methods, strategies, and materials that are necessary to provide differentiated instruction for their students. Students will practice applying this knowledge in a practicum setting. Combined lecture/practicum. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 4100 Methods Teaching Elem Math 3.00 CR
Required for all Elementary Education students. Teacher candidates will learn and gain an understanding of elementary mathematical concepts, curriculum, and standards at the local, state and national (NCTM) levels. This course will also include the pedagogical knowledge of teaching elementary mathematics. Teacher candidates will have an opportunity to demonstrate their understanding during the course through a variety of assessments and transfer this knowledge, disposition, and teaching skills to real life practicum experiences in a local elementary classroom. Combined lecture/practicum. Prerequisite: Admission to Dixie State College Elementary Education program.

FA, SP

ELED 4200 Fine Arts in Elementary 2.00 CR
Required for all Elementary Education students. This course explores ways in which the fine arts can be used as a vehicle for exploring instruction and learning. Visual arts and music are the focus of this course. The examination of art and performance of music are key ways by which the content is taught. Class prepares teacher candidates to apply the state core curriculum in elementary settings, and to use fine arts as an instructional tool to enhance learning. Prerequisite: Admission to Dixie State College Elementary Education program.

FA, SP

ELED 4300 Methods Teaching Elem Science 3.00 CR
Required for all Elementary Education students. Teacher candidates will develop effective instructional methods and assessments based on required K-6th science subject matter, National Education Science Standards (NESS), and state curriculum goals. Lecture, seminar discussion, hands on experiences, and practicum in local schools are the modes of instruction. Combined lecture/practicum. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 4400 Methods Teach Elem Social Sci 3.00 CR
Required for all Elementary Education students. Methods and strategies for effective instruction in the social studies at the elementary level. This course examines the national standards (NCSS) as well as, state core curriculum needed to develop the knowledge, skills and attitudes related to teaching social studies in the elementary school. Lecture, seminar discussion, hands on experiences and field experiences in local schools are the modes of instruction. Combined lecture/practicum. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 4410 Methods Strategy Lang Arts ESL 3.00 CR
Required for all Elementary Education students. This course partially fulfills the requirement for ESL Endorsement. This course will focus on the instructional strategies and methodologies for ESL students in elementary schools. Course content will include teaching oral language, literacy skills, and content areas through the integration of culture and language. Teacher candidates will have an opportunity to demonstrate their knowledge by developing a lesson plan that reflects the needs of ESL students through appropriate adaptation of techniques and strategies. Pedagogical knowledge will be gained through practicum experiences in local elementary schools. Combined lecture/practicum. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 4430 Family/Parent Involvement ESL 2.00 CR
Required for all Elementary Education students. This course partially fulfills the requirement for ESL Endorsement. This course provides teacher candidates with information regarding the role of parents in the public schools and ways to involve parents more fully in their children’s learning. Particular emphasis is placed on the challenges and needs of parents of ESL children. Resources to support all parents are explored. Instructional activities may include such things as lecture, small group work, guest speakers, projects, etc. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 4440 Integrating Language & Content 3.00 CR
Required for all Elementary Education students. This course partially fulfills the requirement for ESL Endorsement. Teacher candidates will utilize previously developed methodologies to meet the needs of ESL Students in their respective classrooms. The course is designed to integrate the concepts and skills learned in previous ESL endorsement coursework into the student teaching experience. This course will provide techniques and strategies to accommodate ESL students and mainstream students. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP

ELED 4600 Methods/Teach Elem Lang Arts 2.00 CR
Required for all Elementary Education students. Teacher candidates will learn and gain an understanding of elementary language arts concepts, curriculum, and standards at the local, state, and national levels. This course will emphasize pedagogical knowledge of elementary language arts including research based instruction and assessment strategies in teaching spelling, writing, penmanship, and grammar. Teacher candidates will demonstrate their understanding through a variety of assessments and transfer their knowledge, dispositions, and teaching skills to experiences in local schools. Prerequisite: Admission to the Dixie State College Elementary Education program.

FA, SP
ELED 4900 Student Teaching 9.00 CR
Required for all Elementary Education students. Ten weeks of student teaching experience in the elementary grade levels. Cooperating (mento r) teachers support students as they are given responsibility of all aspects of learning in classrooms. College supervisors, in conjunction with mentor teachers, scaffold this experience via frequent conferences and observations. At the conclusion of student teaching, teacher candidates will have demonstrated their abilities to successfully manage their own classrooms and are eligible for state licensure. Prerequisite: Admission to the Dixie State College Elementary Education program. Corequisite: ELED 4989.
FA, SP

ELED 4950 Internship Teaching I 3.00 CR
First semester of a full year of internship teaching after being hired by a public school in cooperation with Dixie State College Education department. Cooperating mentor teachers train and support interns as they are given responsibility of all aspects of learning in the classroom. College faculty, in conjunction with mentor teachers, scaffold this experience via frequent conferences. Interns are also supported by the school districts in new teacher induction training. At the conclusion of the internship, the student is eligible for State licensure in teaching. Prerequisite: Instructor permission.
FA, SP

ELED 4960 Internship Teaching II 3.00 CR
Second semester of a full year of internship teaching after being hired by a public school in cooperation with Dixie State College Education department. Cooperating mentor teachers train and support interns as they are given responsibility of all aspects of learning in the classroom. College faculty, in conjunction with mentor teachers, scaffold this experience via frequent conferences. Interns are also supported by the school districts in new teacher induction training. At the conclusion of the internship, the student is eligible for State licensure in teaching. Prerequisite: Instructor permission.
FA, SP

ELED 4989 Capstone 1.00 CR
Required for all Elementary Education students. Teacher candidates debrief and collaborate about special topics such as classroom management, lesson design, assessment, and instructional strategies. The purpose of the capstone course is to solidify the pre service experiences, present the professional portfolio, and teacher work sample in its entirety and to develop the skills and knowledge necessary to find a teaching position. Prerequisite: Admission to the Dixie State College Elementary Education program. Corequisite: ELED 4900.
FA, SP

EMERGENCY MEDICAL SERVICES (EMS)

EMS 1200 EMT Intermediate 4.00 CR
Open to students who have an EMT B Certificate to continue their training in the areas of extended patient assessment, intravenous initiation and therapy, medical and legal consideration, advanced shock, pediatric vascular access, management of selected drugs, EKG management and recognition, and oral intubation. Course fee required. Prerequisite: Instructor permission.
FA, SP

EMS 2200 Paramedic Training I 7.50 CR
First semester course. Open to students who have had the EMT B certificate for at least 1 year. The first of 5 paramedic courses which includes lecture, laboratory, and clinical training in topics such as EMS communications, wellbeing of the paramedic, medical and legal responsibilities, pharmacology, pathophysiology, history taking, advanced ventilatory management, bag valve mask, mouth to mask, mouth to mouth/nose, ET insertion, EOA insertion, NPA insertion, OPA insertion, suctioning, manual maneuvers, IV therapy/sterile techniques, IV medications and their administration, and patient assessment. Course fee required. Prerequisite: Admission to the Dixie State College Paramedic Certificate program.
FA

EMS 2300 Paramedic Training II 7.50 CR
First semester course. Open to students who have had the EMT B certificate for at least 1 year. The first of 5 paramedic courses which includes lecture, laboratory, and clinical training in topics such as EMS communications, wellbeing of the paramedic, medical and legal responsibilities, pharmacology, pathophysiology, history taking, advanced ventilatory management, bag valve mask, mouth to mask, mouth to mouth/nose, ET insertion, EOA insertion, NPA insertion, OPA insertion, suctioning, manual maneuvers, IV therapy/sterile techniques, IV medications and their administration, and patient assessment. Course fee required. Prerequisite: Admission to the Dixie State College Paramedic Certificate program.
FA

EMS 2400 Paramedic Training III 8.00 CR
Second semester course. Includes lecture and laboratory training in topics such as advanced pediatric management, OB/GYN emergencies, cold weather rescue, environmental emergencies, neurology, endocrinology, gastroenterology, pulmonary emergencies, cricothyrotomy, chest venting, external jugular cannulation, toxicology, hematology, and nasogastric tube insertion and Foley catheter insertion. 10 lecture hours per week; 120 hours in field rotations and clinicals required. Course fee required. Prerequisite: Admission to the Dixie State College Paramedic Certificate program.
SP

EMS 2500 Paramedic Training IV 8.00 CR
Second semester course. Includes lecture and laboratory training in topics such as spinal immobilization of the lying and sitting patients, chest needle decompression, IV/Bolus/Piggy Back medications, bleeding, wound care, shock, long bone splinting, head / face trauma, thoracic trauma, abdominal trauma, ventilatory management, dynamic cardiology, static cardiology, and extrication, mass casualty management, abuse and neglect, crime scene awareness, and hazardous materials. PHTLS certification included. 10 lecture hours per week; additional hours for ride along and field course required. Course fee required. Prerequisites: Admission to the Dixie State College Paramedic Certificate program.
SP
EMS 2600 Paramedic Training V 12.00 CR
Third semester course. Hands on practice of current and previously learned skills. Includes lecture and out of classroom education in high angle rescue, swift water rescue, farmedic course, aeromedicine, ongoing field assessment and evaluation of the student's performance and competency. AMLS certification included. Lecture hours plus 144 hours field rotation and 120 clinicals required. Assists the student in preparation for state and national certification. Course fee required. Prerequisites: Admission to the Dixie State College Paramedic Certificate program.

ENGINEERING (ENGR)

ENGR 1000 Intro to Engineering 2.00 CR
For students considering an Engineering career. Introduces the functions and career paths for various branches of Engineering and the nature and challenges of the Engineering profession, including educational requirement of various fields, as well as history, ethics, and the engineering method. Also serves as a First Year Experience seminar, introducing students to skills and resources designed to make them more successful college students.

ENGR 1800 Engineering Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

ENGR 1810 Engineering Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

ENGR 1820 Engineering Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

ENGR 2010 Statics 3.00 CR
For pre Engineering students. Covers the equilibrium of bodies, that is, those that are either at rest or move with a constant velocity. Covers properties of vectors as they apply to force systems, including trusses, frames, and machines. Applications of friction and forces in beams. Prerequisites: MATH 1210; and MATH 1220 (can be concurrently enrolled in MATH 1220).

ENGR 2030 Dynamics 3.00 CR
For pre Engineering students. Covers the kinematics of a particle in both rectilinear and curvilinear motion, as well as application of Newton’s laws of motion to the kinetics of particles in detail for several types of motion. Force and acceleration, and energy and momentum are used as methods for solving dynamic problems. Planar kinematics and kinetics of rigid bodies are covered. Prerequisite: ENGR 2010.

ENGR 2140 Strength of Materials 3.00 CR
For pre Engineering students. Introduces the internal effects (stress, strain, elastic and inelastic behavior, shear and bending movement) of loads (axial, torsion, and bending) on engineering systems. Prerequisite: ENGR 2010.

ENGR 2250 Electrical Circuits 3.00 CR
For pre Engineering students. Presents basic concepts of electric circuit theory, including voltage, current, power, resistance, capacitance, and inductance. Covers circuit analysis techniques, including Kirchoff's Laws, node voltages, and mesh currents for direct and alternating current. Circuits discussed include first and second order inductive and capacitive circuits (RC, RL, RLC). Operational amplifiers are introduced into circuit analysis. Phasers are used in conjunction with AC circuits. Prerequisites: MATH 1220 and MATH 2280 (can be concurrently enrolled in MATH 2280).

ENGR 2255 Electrical Circuits Lab 1.00 CR
Introductory lab course for pre Engineering students. Discusses electrical circuit measurements and analysis methods. Through several laboratories students are introduced to instrumentation important to the understanding of electrical circuit analysis and the safety required with the use of instrumentation. Several different circuits will be analyzed including LC and RC circuits, resistive networks, operational amplifiers, and AC circuits. Includes basic circuit design and analysis techniques using circuit analysis software. Prerequisites: MATH 1220, and MATH 2270.

ENGR 2300 Engineering Thermodynamics 3.00 CR
For pre Engineering students. Covers fundamentals of thermal energy and work, thermodynamic properties of fluids and equations of state, open and closed systems, first and second laws of thermodynamics, and applications to thermal and mechanical processes. Prerequisites: MATH 1220; and MATH 2210 (can be concurrently enrolled in MATH 2210).
ENGLISH (ENGL)

ENGL 0470 Basic Reading 3.00 CR
Required for students with Reading placement scores of 12 or below. Designed to assist students in the development of reading skills that will enhance their opportunities for success in college, at work, and in life in general. The focus of instruction is on vocabulary development, comprehension, and reading speed. The course will combine group, semi independent, and individualized instruction in an effort to meet the needs of each student. At the conclusion of instruction, students will be expected to read at a minimum of 175 words per minute with 70% or better comprehension, and consistently read introductory level college materials with at least 80% comprehension. After successfully completing this course, students are strongly advised to enroll in English 1470, Critical Reading.
FA, SP, SU

ENGL 0990 Beginning Writing 3.00 CR
Required for students with English placement scores of 18 or lower. This course teaches the basics of paragraph and essay organization and development, as well as critical thinking, while preparing students to enter English 1010. Assignments, activities and tests relate to writing and critical reading skills. Successful students will be able to write structured, developed and coherent paragraphs and essays which are relatively free of mechanical errors. They will also edit and proofread their work, as well as analyze the work of others in small and large groups. A grade of C or higher prepares students to enter ENGL 1010. Co enrollment in ENGL 0995 is required for students with placement scores of 15 or lower, and recommended for other students.
FA, SP, SU

ENGL 0995 Beg Writing Lab 1.00 CR
Required for students with placement scores of 15 or lower, and recommended for other ENGL 0990 students. A lab course focused on grammar and punctuation to be taken concurrently with ENGL 0990. Lab fee required. Corequisite: ENGL 0990.
FA, SP, SU

ENGL 1001 First Year Seminar: English 1.00 CR
First Year Experience course designed for freshmen majoring in English or other humanities disciplines, such as English education, literary studies, professional/technical writing, foreign language, and philosophy, this class will also help undecided humanities majors choose a field of study. The course will help students adapt to college life and become integrated into Dixie State College. Students will refine academic skills; create and foster social networks; learn about the college resources; and explore degree options, current job opportunities, and various career paths.
FA

ENGL 1010 Introduction to Writing 3.00 CR
Partially fulfills General Education English requirement. Designed to improve students' abilities to read, analyze, and write expository papers. Provides opportunities to write and revise a number of essays. Activities, library research, portfolios, writing to a style guide, and tests may also be used to prepare students to write college level papers. Successful completers (grade C or higher) will be prepared to take ENGL 1010. Prerequisite: LIB 1010 (can be taken concurrently); AND English placement score 19 or higher OR ENGL 0990 (Grade C or higher and if ENGL 0995 required, Grade C or higher); AND Reading placement score 17 or higher OR ENGL 1470 (Grade C or higher).
FA, SP, SU

ENGL 1410 Elements of Grammar 3.00 CR
Required of all English majors and recommended for other students interested in improving their knowledge of basic English grammar. Engages students in the study of English grammar to facilitate writing, editing, and an understanding of the relationship between language, formal rules, and meaning. Focuses on the study of sentence structure, the terminology and definitions of traditional grammar, and the conventions of usage and punctuation. Students will analyze written examples, diagram sentences, edit written work, and practice constructing original sentences according to the principles outlined.
FA, SP

ENGL 1470 Critical Reading 3.00 CR
For students wanting to improve their reading skills and further enhance their opportunities for success in college. Focus of instruction is higher level comprehension with minor emphasis on vocabulary development and reading speed. This is a lecture/lab course with both group and independent instructional activities required. Upon completion of the course, successful students will be able to apply critical and analytical reading skills to comprehend and evaluate sophisticated and complex reading materials.
Prerequisite: Reading placement score 12 or higher; or ENGL 0470 with a grade of C or higher.
FA, SP, SU

ENGL 1800 English Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

ENGL 1810 English Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

ENGL 1820 English Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SU
ENGL 2010 Intern Writing: Selected Topics 3.00 CR
Partially fulfills General Education English requirement. Provides opportunities to analyze and write academic papers, including the research supported essay, through writing and revising a number of essays. Other activities, such as portfolios, library research, and tests may be used to help students improve their writing of advanced level papers. Successful students will demonstrate competence in the use of standard written English, in analyzing texts, in correctly paraphrasing, summarizing and quoting source material, and in appropriately citing the work of others. Prerequisite: ENGL 1010 (Grade C or higher); AND LIB 1010 (can be concurrently enrolled). FA, SP, SU

ENGL 2100 Technical Writing 3.00 CR
Required for English majors pursuing an emphasis in Professional & Technical Writing, and open to students in science and technical disciplines who would like to increase their proficiency in writing. Provides students with opportunities to develop skills useful in professional, workplace settings. The course introduces students to technical formats, brevity and clarity strategies, and visual elements such as headings, lists and graphics. Prerequisite: ENGL 1010 (Grade C or higher). FA, SU

ENGL 2130 Intro Sci Fiction & Futurism 3.00 CR
Fulfills a General Education Humanities requirement. For all students with an interest in the literature of science fiction and futurism. Sharpens students' literary skills, enhances self-knowledge, and increases understanding of the literature of the genre. Helps students to see how science and technology have shaped the modern world and how they may transform the future. The course covers classic and contemporary science fiction novels and uses class discussions and guest lecturers. SP

ENGL 2140 Creative Writing 3.00 CR
For all students with an interest in developing expressive skills through the writing of poetry, short stories, or dramatic presentations on stage and in film; required for English majors pursuing an English Education emphasis. Increases students' understanding of literature, other people, and their own ideas and feelings. Successful students will master material which includes figurative language, alliteration, assonance, rhythm in poetry and prose, dialogue, plot, setting, theme, and the critical vocabulary of the genres mentioned above. Repeatable up to 6 credits subject to graduation restrictions. FA, SP, SU

ENGL 2200 Introduction to Literature 3.00 CR
Fulfills a General Education Humanities requirement. For all students who would like to increase their enjoyment of literature. Provides basic understanding of novels, short stories, poems, plays, and essays. Students will learn to read analytically and write critically. FA, SP, SU

ENGL 2220 Introduction to Mythology 3.00 CR
Fulfills a General Education Humanities requirement. For all students with an interest in the myths of the Greeks, Romans, Vikings, Slavs, and Celts. Provides a brief look at the historical backgrounds of the above peoples and their myths and some of the ways in which myths have been used in literature from Homer to contemporary fantasy and science fiction. FA

ENGL 2270 Intro to World Literature I 3.00 CR
Fulfills a General Education Humanities requirement. For all students with an interest in improving their enjoyment of world literature. Introduces representative masterpieces from ancient, medieval, and Renaissance literature. Surveys a variety of literary masterpieces from all over the world, including ancient Egypt, ancient Greece, India, China, and Japan. Engages students with common practices in reading, interpreting, and writing about literature, and addresses questions of literary form and genre, the relationship between literary works and the cultures that produce them, and how and why we read. FA

ENGL 2280 Intro to World Literature II 3.00 CR
Fulfills a General Education Humanities requirement. For all students with an interest in improving their enjoyment of world literature. Introduces representative literary masterpieces from the eighteenth century to the present. Students will survey a variety of literature from writers around the globe. Engages students with common practices in reading, interpreting, and writing about literature, and addresses questions of literary form and genre, the relationship between literary works and the cultures that produce them, and how and why we read. SP

ENGL 2330 Children's Literature 3.00 CR
Fulfills a General Education Humanities requirement. For students who love children and reading or who have an interest in elementary education, child development, or parenthood. Teaches the historical development of children's literature; examines literary elements, such as characterization, plot, and style; focuses on a broad spectrum of literary genres in children's literature, such as realistic fiction, picture books, poetry, and informational books; and acquaints students with major authors and illustrators of children's literature, past and present. Students will create a file of all books and stories read in addition to tests, quizzes, and papers on textbook readings. FA, SP

ENGL 2400 Intro to American Literature I 3.00 CR
Fulfills a General Education Humanities requirement. This course will introduce students to some of the major writers and works in American literature from the Colonial Period to the American Renaissance. Students will survey a variety of literature, from the sermons and poetry of the early Puritans to the seminal essays, poetry and fiction of the American Renaissance. Engages students with common practices in reading, interpreting, and writing about literature, and it will address questions of literary form and genre, the relationship between literary works and the cultures that produce them, and how and why we read. FA

ENGL 2410 Intro to American Literature II 3.00 CR
Fulfills a General Education Humanities requirement. This course will introduce students to some of the major writers and works in American literature from the Civil War to the present. Students will survey a variety of literature, from the novels and short stories of the realists, to the influential works of the modernists, to the postmodernists and other contemporary writers. Engages students with common practices in reading, interpreting, and writing about literature, and it will address questions of literary form and genre, the relationship between literary works and the cultures that produce them, and how and why we read. SP, SU
ENGL 2500 Intro to British Literature I 3.00 CR
Fulfills a General Education Humanities requirement. This course will introduce students to some of the major writers of the British Isles through careful study of a variety of literary works from the Anglo Saxon period through the 18th century. Engages students with common practices in reading, interpreting and writing about literature, and it will address questions of literary form and genre, the relationship between literary works and the cultures that produce them, and how and why we read.
FA, SU

ENGL 2510 Intro to British Literature II 3.00 CR
Fulfills a General Education Humanities requirement. This course will introduce students to some of the major writers of the British Isles through careful study of a variety of literary works from the Romantic period to the present. Engages students with common practices in reading, interpreting and writing about literature, and it will address questions of literary form and genre, the relationship between literary works and the cultures that produce them, and how and why we read.
SP

ENGL 2600 Critical Intro to Literature 3.00 CR
Fulfills a General Education Humanities requirement. Required of all English majors. Introduces literary appreciation, and teaches criticism and terminology as applied to various types of literature, including fiction, poetry, and drama. Requires critical analysis of prose, poetry, and drama. Acquaints students with basic literary terminology, provides a brief survey of pertinent literary theories, and surveys pivotal critical texts. Students respond to texts to understand how meaning is created through transactions among writings, readers and cultures.
FA, SP, SU

ENGL 2790 Writing Center Tutoring I 2.00 CR
Required for tutors in the College's Writing Center, and open to students interested in learning how to tutor writing for either personal satisfaction or professional needs. Covers a variety of writing specific topics, such as grammar, organization, rhetorical invention, revision strategies, and the writing process in general. Also covers principles of tutoring, including using the Socratic method of teaching, tutoring to various learning styles, and dealing with writer's anxiety, as well as the use of computers while tutoring. Successful completers will be able to diagnose writing problems, provide instruction, and interpret course assignments.
FA, SP

ENGL 2791 Writing Center Tutoring II 1.00 CR
Required for tutors in the College's Writing Center, and open to students interested in learning how to tutor writing for either personal satisfaction or professional needs. This course will cover a variety of writing specific topics like grammar, organization, rhetorical invention, revision strategies, and the writing process in general. Covers principles of tutoring such as using the Socratic method of teaching, tutoring to various learning styles, dealing with writer's anxiety, and mentoring other tutors, as well as the use of computers while tutoring. Successful completers will be able to diagnose writing problems, provide instruction and practice, and interpret course assignments. Repeatable up to 6 credits subject to graduation restrictions.
Prerequisite: ENGL 2790.
FA, SP

ENGL 2890 Journal Pub/Southern Quill 1.00 – 3.00 CR
For students in all disciplines who wish to work with the "Southern Quill," Dixie College's literary magazine, and who want to pursue projects in creative writing such as poetry, short stories, plays, and essays.

Students must attend weekly "Southern Quill" meetings and produce works in the genre(s) of their choice.
Variable credit: 1.0 – 3.0
Prerequisite: Instructor Permission.
Repeatable up to 9 credits subject to graduation restrictions.
FA, SP

ENGL 3010 Writing in the Professions 3.00 CR
Designed for majors in the School of Business, successful students will be able to effectively recognize and model diverse professional writing styles by analyzing various business audiences, writing purposes, and documents (including extensive formal research reports) based on business communication theory and through practical application. Students will also learn about matters of business ethics, international business, and the Internet's impact on business communication.
Prerequisite: ENGL 2010; and Advanced Standing.
FA, SP, SU

ENGL 3030 Advanced College Writing 3.00 CR
Required of all English majors, and recommended for other students who wish to expand and deepen their skills in critical reading, critical thinking and integrated analysis within a variety of rhetorical contexts. Students will be asked to write several persuasive, argumentative, and expository essays. Based on rhetorical theory and through practical application, students will be able to effectively recognize and model diverse writing styles by analyzing various audiences, writing purposes, and documents.
Prerequisite: ENGL 2010 (Grade C or higher).
FA, SP, SU

ENGL 3120 Document Design 3.00 CR
Required of English majors pursuing an emphasis in Professional & Technical Writing, and open to students who wish to create effective professional documents for the workplace. Successful students will demonstrate competence in all aspects of document design, including (but not limited to) the following: overall organization and layout; usability theory, application and testing; data organization and display; visual rhetoric (the use of color, size and white space); and theories of writer based and reader based writing. Also examines existing research on how different readers process information in different ways. Students will write their own technical documents, for both print and online contexts, in order to apply knowledge learned in class.
Prerequisite: ENGL 2010 (Grade C or higher).
SP

ENGL 3130 Grant and Proposal Writing 3.00 CR
Required of English majors pursuing an emphasis in Professional & Technical Writing, and open to other interested students. Focuses on techniques for writing effective grants and proposals, learning about the processes that lead to successful grant and proposal writing, generating and focusing on an idea, writing in a variety of formats, and providing supporting information. Successful students will demonstrate they understand the qualities of an effective proposal through their critiques of funded and non funded proposals and by writing a proposal.
Prerequisite: ENGL 2010 (Grade C or higher).
FA

ENGL 3180 Writing for Interactive Media 3.00 CR
Required of English majors pursuing an emphasis in Professional & Technical Writing, and open to other interested students. Explores writing and editing for visual, audio, and interactive media; how to choose appropriate format and delivery mechanisms for news, Web sites,
Fulfills a Period/Topic Studies requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. Provides an understanding of folklore as a genre, as well as folk themes and motifs in other forms of literature. Focuses on folklore in novels and stories and on folk narratives themselves. Designed to introduce methods and practices of folklore field research and folklore criticism. Also designed to expand the student's critical reading and writing skills. Prerequisite: ENGL 2010 (Grade C or higher). Offered in rotation; consult class schedule.

ENGL 3213 Period/Topic: Western Amer Lit 3.00 CR
Fulfills a Period/Topic Studies requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. Students will explore significant works of twentieth century Western American literature. Students will write several critical assignments and conduct a major research project. Prerequisite: ENGL 2010 (Grade C or higher). Offered in rotation; consult class schedule.

ENGL 3214 Period/Topic: Realism/Modernism 3.00 CR
Fulfills a Period/Topic Studies requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. Students will engage with the work and ideas of major realist and/or modernist writers, such as Austen, Eliot, Dickens, Conrad, Woolf, Hemingway, and Faulkner. Students will be expected to read extensive amounts of work, write several critical assignments, conduct a major research project, and take at least two exams. Prerequisite: ENGL 2010 (Grade C or higher). Offered in rotation; consult class schedule.

ENGL 3220 Multi Ethnic American Lit 3.00 CR
Required of all English majors, and open to other interested students. Examines multi-ethnic literature by American authors and studies the contributions to American literature by African Americans, Asian Americans, Latinos, and Native Americans. Focuses on novels, short stories, essays, and poetry that examine the social construction of race in American society, the construction of American identity, and the intersections of race, class, and gender. Prerequisite: ENGL 2010 (Grade C or higher). FA

ENGL 3230 Literature and Culture 3.00 CR
Required of English majors pursuing an emphasis in Literary Studies, and open to other students curious about the relationship between the literary arts and other cultural forms. This interdisciplinary course exposes students to a broad selection of American literary, cinematic, artistic, and cultural works that investigate the relationship between American culture and literature. Students will be introduced to the ways in which texts and artifacts are closely tied to the geographical and cultural space as well as the historical period in which they emerge. Prerequisite: ENGL 2010 (Grade C or higher). FA

ENGL 3260 Major American Authors 3.00 CR
Fulfills a Major Authors requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. In depth exploration of the work of a major writer or group of writers. Topics and time periods vary among American authors according to instructor expertise and might include, for example, Jefferson, Douglass, Melville, Dickinson, Cather, Hemingway, Silko, or Morrison, among others. Emphasizes the dynamic interplay among the
aesthetics of the text(s), the author's life, and the socio-political context in which the works are produced. Students will be expected to read extensive amounts of work from these authors, write several critical assignments, and conduct a major research project.
Prerequisite: ENGL 2010 (Grade C or higher).
Offered in rotation; consult class schedule.

ENGL 3261 Major American Women Authors 3.00 CR
Fulfills a Major Authors requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. In depth exploration of the works of a major American writer or group of women writers. Topics and time periods may vary according to instructor expertise. Emphasizes the dynamic interplay among the aesthetics of the text(s), the authors' lives, and the socio-political context in which the works are produced. Students will be expected to read extensive amounts of work from these authors, write several critical assignments, and conduct a major research project.
Prerequisite: ENGL 2010 (Grade C or higher).
Offered in rotation; consult class schedule.

ENGL 3262 Major African American Writers 3.00 CR
Fulfills a Major Authors requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. In depth exploration of the works of a major African American writer or group of major African American writers. Topics and time periods may vary according to instructor expertise. Emphasizes the dynamic interplay among the aesthetics of the text(s), the authors' lives, and the socio-political context in which the works are produced. Students will be expected to read extensive amounts of work from these authors, write several critical assignments, and conduct a major research project.
Prerequisite: ENGL 2010 (Grade C or higher).
Offered in rotation; consult class schedule.

ENGL 3271 Major British Authors: Milton 3.00 CR
Fulfills a Major Authors requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. In depth exploration of the works of John Milton. Particular works may vary according to instructor expertise. Emphasizes the dynamic interplay among the aesthetics of the text(s), the author's life, and the socio-political context in which the works were produced. Students will be expected to read extensive amounts of work from these authors, write several critical assignments, and conduct a major research project.
Prerequisite: ENGL 2010 (Grade C or higher).
Offered in rotation; consult class schedule.

ENGL 3281 Major World Authors: Postcolonial 3.00 CR
Fulfills a Major Authors requirement for English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. In depth exploration of the works of postcolonial writers. Particular works may vary according to instructor expertise. Emphasizes the dynamic interplay among the aesthetics of the text(s), the authors' lives, and the socio-political context in which the works were produced. Students will be expected to read extensive amounts of work from these authors, write several critical assignments, and conduct a major research project.
Prerequisite: ENGL 2010 (Grade C or higher).

ENGL 3300 World Literature 3.00 CR
Fulfills a requirement for English majors pursuing an emphasis in Professional & Technical Writing, and open to other interested students. Examines works by major authors in various genres from Asia, the Middle East, the Indian subcontinent, Africa, the Caribbean, Australia, Latin America, and Europe, thus enabling students to appreciate culture and literary traditions beyond those of Britain and the United States. Course topics will vary according to instructor emphasis.
Prerequisite: ENGL 2010 (Grade C or higher).
SP, SU

ENGL 3341 Writing, Rhetoric, & Pedagogy 3.00 CR
Fulfills a requirement for English majors pursuing an emphasis in Professional & Technical Writing, and open to other interested students. Focuses on historical and contemporary connections between rhetoric and composition pedagogies, including emphasis on rhetoricians and theorists in compositional theory from classical to contemporary. Successful completers will be able to describe major trends in rhetoric and composition theory, connect composition theory to originating theorists, and analyze compositions for rhetorical techniques. Students will create a teaching portfolio or compose a conference-ready research paper in composition studies.
Prerequisite: ENGL 2010 (Grade C or higher).
SP

ENGL 3350 Writing Professional Contexts 3.00 CR
Fulfills a requirement for English majors pursuing an emphasis in Professional & Technical Writing, and open to other interested students. Introduces the study of written communication in complex human organizations. Relates written communication to values, leadership and power in such organizational contexts as media, business, professional, social, educational, and political groups. Successful completers will be able to understand how writing functions in basic types of organizations, critique the effectiveness of written organizational communication practices, and develop their own writing skills.
Prerequisite: ENGL 2010 (Grade C or higher).
SP

ENGL 3360 Writing Magazines/Trade Journals 3.00 CR
Fulfills a requirement for English majors pursuing an emphasis in Professional & Technical Writing, and open to other interested students. Successful completers will be able to understand the development of the magazine market and the current landscape of magazine publishing: generate ideas, pitch stories, research, report and write articles suitable for publication in a magazine; and initiate and complete the feature or long form article for magazines or other markets.
Prerequisite: ENGL 2010 (Grade C or higher).
FA

ENGL 3400 World Literature 3.00 CR
Required of English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. Examines works by major authors in various genres from Asia, the Middle East, the Indian subcontinent, Africa, the Caribbean, Australia, Latin America, and Europe, thus enabling students to appreciate culture and literary traditions beyond those of Britain and the United States. Course topics will vary according to instructor emphasis.
Prerequisite: ENGL 2010 (Grade C or higher).
SP, SU

ENGL 3510 Shakespeare 3.00 CR
Required of English majors pursuing an emphasis in Literary Studies or English Education, and open to other interested students. Students can...
expect to do close readings of at least six plays and to study such secondary materials as literary criticism, historical background, and film and theatrical representations of the plays. As perhaps the single most important cultural icon in our society, Shakespeare also offers an excellent opportunity to look at the nature of literary reputations, national competitiveness in cultures, and the shifting map of such issues over time. Students will learn to incorporate these materials into their own class discussions and will also produce papers and take exams that reflect their new knowledge.

Prerequisite: ENGL 2010 (Grade C or higher).

ENGL 3520 Young Adult Literature 3.00 CR

Required of English majors pursuing an emphasis in English Education, and open to other interested students. In depth exploration of contemporary adolescent literature, including content, structure, diversity issues, and critical evaluation. Also designed to provide strategies for teaching young adult readers.

Prerequisite: ENGL 2010 (Grade C or higher).

ENGL 3600 Literary Theory 3.00 CR

Required of English majors pursuing an emphasis in Literary Studies, and open to other interested students. Covers the major branches of contemporary literary theory. Theoretical perspectives will include structuralism, reader oriented theory, feminist theory, new historicist and materialist critique, post colonialist critique, and deconstruction. Topics may also include foundational problems such as canonicity, class, consumerism, gender, ideology, race, sexuality, and textuality.

Prerequisite: ENGL 2010 (Grade C or higher); AND ENGL 2600.

ENGL 3720 Editing 3.00 CR

Required of English majors pursuing an emphasis in Professional and Technical Writing, and open to other interested students. Students learn to work productively with other people's print and online documents, using specialized vocabulary and such editing tools and proofreaders' marks, style guides, and standard editorial reference material. Also, students practice how to identify and correct common problems. Includes copy editing, the study of style manuals, and an overview of the production process.

Prerequisite: ENGL 2010 (Grade C or higher).

ENGL 3810 History & Structure English Language 3.00 CR

Required of English majors and recommended for other students interested in the ways English has developed over time. Explores the origins and evolution of the English language by focusing on social, political, and linguistic developments over time through the Old, Middle and Early Modern periods and into the present.

Prerequisite: ENGL 2010 (Grade C or higher).

ENGL 4100 Senior Portfolio 3.00 CR

A comprehensive writing capstone course in aviation management that asks students to synthesize and reflect on their learning and experiences within the major. Students will construct a compilation of their prior portfolio assignments and build their own employment portfolio. Job search skills, proper interviewing techniques, and resume writing skills will also be covered.

Prerequisite: Instructor permission.

FA, SP

ENGL 4500 Methods of Teaching Writing 3.00 CR

Required of English majors pursuing secondary certification, and recommended for others interested in teaching writing to young adult learners. Students will learn how to design and assess writing assignments. They will also explore different pedagogical strategies and theoretical concepts about writing instruction. 3 lecture hours per week.

ENGL 4510 Methods of Teaching Literature 3.00 CR

Required of English majors pursuing an emphasis in English Education, and recommended for others interested in teaching literature to young adult learners. Students will learn how to teach a variety of literary genres from diverse writers. They will also explore different pedagogical strategies and theoretical approaches to literature instruction.

Prerequisite: ENGL 2010 (Grade C or higher).

ENGL 4890 English Internship 1.00 – 3.00 CR

For students who are granted and accept an internship that provides an extensive learning experience in the field of English. Internships offer students the opportunity to work with government, a nonprofit agency, a private agency, an employer, or an instructor. Through arrangements with the department chair, a student may earn up to 3 credits per semester for satisfactory completion of terms of the internship. Students must be supervised by an agency representative and/or a faculty advisor. Written contracts must be completed and signed. Students are also required to submit a written evaluation of their experience before the end of the semester. Approval from chair of English department required before enrolling.

Variable Credit: 1.0 – 3.0 Repeatable up to 6 credits subject to graduation restrictions. Prerequisite: Advanced standing; AND Instructor permission.

Offered by arrangement.

ENGL 4900 Senior Capstone 3.00 CR

Required of all English majors. Must be taken in the student's senior year, preferably during the final semester. Asks students to synthesize and reflect on their learning and experience in the major, allowing them to integrate their study of literature, writing, and theory as well as examine the discipline of English itself. Also, asks students to look forward to careers and/or graduate school, and may include guest speakers, previous English majors, and others who discuss career and graduate school options. Includes a series of culminating assessment projects, including a senior thesis aimed at measuring student outcomes and at assisting the department to improve its program.

Prerequisite: English major; AND Senior standing.

FA, SP

ENGLISH SPEAKERS OF OTHER LANGUAGES (ESOL)

ESOL 0100 Intro/Academic Communication 3.00 CR

Designed to help students prepare for communication in academic settings. This course will introduce listening, speaking, and note taking strategies and skills in academia. Students will (1) listen to college lectures in authentic lecture settings, and (2) learn vocabulary which students are most likely to encounter in academia, working with the instructor, in small groups, or with technology to practice the skills presented in this course.

Prerequisite: TOEFL iBT Speaking Section score 19.

Offered based on sufficient student need.
ESOL 0111 English Conversation 1 3.00 CR
Designed to give students a foundation in listening comprehension and conversation. The course will help students learn simple statements, questions, and commands of familiar topics and progress to understanding simple conversational English. In addition, the course will offer all skills language practice in listening, speaking, reading, writing and pronunciation.
Prerequisite: Pearson Placement Test (Oral and Written Tests Combined) score 1 20.
Offered based on sufficient student need.

ESOL 0140 Introduction to Reading 3.00 CR
Designed to help students who have extremely limited English proficiency gain the foundations related to developing reading skills in English. The course will introduce fundamental vocabulary, word attack skills, dictionary skills, and comprehension skills. Students will be introduced to: (1) both academic and non academic materials, and (2) strategies for approaching different types of reading.
Prerequisite: TOEFL iBT Reading Section score 17.
Offered based on sufficient student need.

ESOL 0150 Intro to Academic Writing 3.00 CR
Designed for students who have very limited English proficiency as indicated by TOEFL iBT writing scores of 8 or lower. Introduces the foundations of concepts related to developing writing skills in academic settings, including the skills necessary to develop coherency and fluency in writing by focusing on sentences, responses to readings, vocabulary development, and minimal technical accuracy.
Prerequisite: TOEFL iBT Writing Section score 1 8.
Offered based on sufficient student need.

ESOL 0200 Basic Academic Communication 3.00 CR
Focuses on a basic foundation in listening comprehension skills in academic settings. By helping students develop a wide range of listening, speaking, and note taking strategies and skills while listening to college lectures. In addition, the course will introduce students to vocabulary which they are most likely to encounter in academic contexts. Students will work with the instructor, in small groups, or with technology to practice the skills presented in this course.
Prerequisite: TOEFL iBT Speaking Section score 10 17, or ESOL 0100 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0211 English Conversation 2 3.00 CR
Designed to give students a basic foundation in listening comprehension and conversation. The course will offer guided conversations, which engage students in meaningful conversations with carefully structured grammar. In addition, the course will offer all skills language practice in listening, speaking, reading, writing and pronunciation.
Prerequisite: Pearson Placement Test (Oral and Written Tests Combined) score 21 40, or ESOL 0111 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0300 Basic Reading 3.00 CR
Designed to give students the opportunity to develop reading skills in English. Students will study beginning vocabulary, as well as word attack, dictionary, and comprehension skills. Students will read academic and non academic works and develop strategies for approaching different types of reading.
Prerequisite: TOEFL iBT Reading Section score 8 14, or ESOL 0140 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0350 Basic Academic Writing 3.00 CR
Designed to help students gain basic writing skills in academic contexts. It will help students develop coherency and fluency in writing by focusing on short writing assignments, responses to readings, vocabulary development, style and development, and technical accuracy.
Prerequisite: TOEFL placement score 9 16, or ESOL 0150 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0360 Basic English Grammar 3.00 CR
Designed to help ESOL students develop basic skills in English usage, correct speech and writing forms and patterns, basic verb tenses and their related structures, and simple use of parts of speech. The course will focus on Standard American English usage and conventions.
Prerequisite: DSC ESOL Grammar Placement Test score 0 20.
Offered based on sufficient student need.

ESOL 0400 Intermed Academic Communication 3.00 CR
Designed to prepare students for the challenges of college lectures with a wide range of listening, speaking, and note taking strategies and skills. The course will introduce the college lectures drawn from a range of academic disciplines. In addition, the course will ensure that students learn the vocabulary used frequently in academic settings. Students will work with the instructor, in small groups, or with technology to practice the skills presented in this course.
Prerequisites: TOEFL iBT Speaking Section score 18 25, or ESOL 0200 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0411 English Conversation 3 3.00 CR
Designed to help students build general English language proficiency and apply these skills for success in daily life, the community, and work. In addition, the course will offer students guided conversations within carefully structured grammatical frameworks and give students opportunities to practice language skills in listening, speaking, reading, writing and pronunciation.
Prerequisite: Pearson Placement Test (Oral and Written Tests Combined) score 41 60, or ESOL 2011 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0500 Intermed Reading 3.00 CR
Focuses on the continued development of reading skills within academic content areas. Students use a variety of methods and materials to learn intermediate reading strategies and to improve comprehension, expand students' vocabularies, improve dictionary skills, and increase skills in reading for information. The course will focus on the skills students need to be successful in college level reading intensive courses as well as the skills needed to read for entertainment and general information.
Prerequisite: TOEFL iBT Reading Section score 15 21, or ESOL 0300 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0550 Intermed Academic Writing 3.00 CR
Designed to help students gain intermediate writing skills in academic contexts, this course will focus on writing well developed short paragraphs with sentence variety, fluency, intermediate vocabulary, and standard conventions of English. Students will be exposed to the writing process and will be expected to produce pre writing activities, drafts, revisions, in addition to final drafts of academic writing.
Prerequisite: TOEFL iBT Writing Section scores 17 23, or ESOL 0350 (Grade B or higher).
Offered based on sufficient student need.
ESOL 0560 Interm English Grammar 3.00 CR
Designed to help ESOL students develop basic skills in English usage, correct speech and writing forms and patterns, basic verb tenses and their related structures, and simple use of parts of speech. The course will focus on Standard American English usage and conventions.
Prerequisite: DSC ESOL Grammar Placement Test score 21 40, or ESOL 0360 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0600 Adv Academic Communication 3.00 CR
Designed to help ESOL students develop basic skills in English usage, correct speech and writing forms and patterns, basic verb tenses and their related structures, and simple use of parts of speech. The course will focus on Standard American English usage and conventions.
Prerequisite: DSC ESOL Grammar Placement Test score 21 40, or ESOL 0360 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0611 English Conversation 4 3.00 CR
Designed to help students further develop their interpersonal communication skills in standard American English, this course will offer students guided conversations within carefully structured grammatical frameworks and encourage them to create conversations on their own. In addition, students will practice all language skills in listening, speaking, reading and writing.
Prerequisite: Pearson Placement Test (Oral and Written Tests Combined) score 61 or higher, or ESOL 0411 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0700 Advanced Reading 3.00 CR
Designed to help ESOL students develop reading skills which are necessary for more rigorous academic work. Students will work on higher level vocabulary development skills, dictionary skills, English usage skills, comprehension skills, and study strategies related to reading in the academic content areas.
Prerequisite: TOEFL iBT Reading Section score 22 or higher, or ESOL 0500 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0750 Adv Academic Writing 3.00 CR
Designed to help students strengthen and enrich writing skills in academic contexts. Students will focus on moving beyond the standard academic paragraphs to the standard academic essays, and be expected to demonstrate fluency and coherency in English with vocabulary which is increasingly more complex and with few technical errors.
Prerequisite: TOEFL iBT Writing Section score 24 or higher, or ESOL 0550 (Grade B or higher).
Offered based on sufficient student need.

ESOL 0760 Adv English Grammar 3.00 CR
Designed to help ESOL students strengthen and enrich skills in English usage, correct speech and writing forms and patterns, more complicated verb tenses and their related structures, and advanced use of parts of speech. The course will focus on Standard American English usage and conventions.
Prerequisite: DSC ESOL Grammar Placement Test score 41 or higher, or ESOL 0560 (Grade B or higher).
Offered based on sufficient student need.

FAMILY AND CONSUMER SCIENCE (FCS)

FCS 1001 Freshman Seminar in FCS 1.00 CR
A First Year Experience course designed to help student adapt to college life and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities. Sections offered by academic departments will include information pertinent to that discipline, while open major sections will include information about choosing a major or area of study.
FA

FCS 1240 Fashion Sewing 3.00 CR
For students interested in learning to use the sewing machine, serger, pressing tools, and other equipment, as well as skills and knowledge for cutting, sewing, and working with fabrics. Techniques of pattern selection, minor fitting and design, adjustments, and fabric identification and selection will be presented. Combined lecture / lab.
Course fee required.
FA, SP

FCS 1370 Intro to Interior Design 3.00 CR
For all students who have an interest in well planned, aesthetic interior human environments that contribute to positive human behavior, well being, and aesthetic satisfaction. Includes a survey of basic design principles and elements as they apply to planning, designing and furnishing human environments. Color principles and selection skills for window treatments, wall and floor coverings, furniture and accessories will be taught by lecture, by guest professionals, and through student completion of design projects.
FA, SP

FCS 1500 Human Development Lifespan 3.00 CR
Fulfills General Education Social & Behavioral Sciences requirement. Of particular interest to those interested in education and health. Utilizes theory and current practices in child development as they apply to bio social, cognitive, and psychosocial development through the lifespan. Lecture based course with a strong laboratory involvement in the Dixie State College Preschool. Includes guest speakers, observations, and active learning approaches in class.
FA, SP

FCS 1800 FCS Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

FCS 1810 FCS Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before reg-
Based on the work of C. Terry Warner, Ph.D., and following the training format developed by the Arbinger Company of Salt Lake City, provides a format for participants to strengthen relationships and resolve conflicts in families and in the workplace. Explores how to be an influence for good without control, coercion, or manipulation.† Not a traditional college course, this experience assists participants to discover and to recover who they really are in their authentic selves.

**FCS 2500 Child Devel Birth to Eight** 3.00 CR

Designed for early childhood educators, but open to all students. Focuses on the physical, cognitive, and psychosocial development of young children through infancy, toddlerhood, and early childhood, using a combination of lecture, interactive learning processes, and lab experiences to promote student mastery of normal developmental processes through the first eight years of life.

FA, SP

**FCS 2600 Intro to Early Childhood Educ** 2.00 CR

An introductory course designed for preschool educators, but open to all students. Includes historical background, professional issues, theories, and an overview to developmentally appropriate educational practices.

FA, SP

**FCS 2610 Child Guidance** 3.00 CR

Required of students pursuing the associate's degree in Early Childhood Education, but valuable to parents, prospective parents, and educators. Applies the principles of child guidance and discipline from currently accepted theories by using the DSC Preschool as a laboratory. Combined lecture / lab.

Prerequisite: FCS 1500 (can be concurrently enrolled); or FCS 2500 (can be concurrently enrolled); or PSY 1100 (can be concurrently enrolled).

FA, SP

**FCS 2620 Plan Creative Exp Young Child** 3.00 CR

Required of students pursuing the associate's degree in Early Childhood Education, but valuable to all educators. Prepares educators to competently structure the vital collaboration between educational agencies and the home by highlighting the fact that school and the home are intertwined in the support of healthy childhood development. Focuses on the development of attitudes, knowledge and skills that educators bring to strengthen school and home relationships.

Prerequisites: FCS 1500 (can be concurrently enrolled); or FCS 2500 (can be concurrently enrolled); or PSY 1100 (can be concurrently enrolled); AND FCS 2610 (can be concurrently enrolled).

FA

**FCS 2640 Partnering With Parents** 3.00 CR

Required of students pursuing the associate's degree in Early Childhood Education, but valuable to all educators. Prepares educators to competently structure the vital collaboration between educational agencies and the home by highlighting the fact that school and the home are intertwined in the support of healthy childhood development. Focuses on the development of attitudes, knowledge and skills that educators bring to strengthen school and home relationships.

Prerequisites: FCS 1500 (can be concurrently enrolled); or FCS 2500 (can be concurrently enrolled); or PSY 1100 (can be concurrently enrolled); AND FCS 2610 (can be concurrently enrolled).

SP

**FCS 2700 EIS Service Coord Eval Assess** 1.00 CR

Overview of early intervention and the theory behind the legislation of Part C of the Individuals with Disabilities Education Act (IDEA), in-
including the history of early intervention; program purpose; system development; regulations and oversight; components of state wide early intervention system; how complaints are resolved; and early intervention yesterday, today, and tomorrow. Also covers the processes of evaluation and assessment as related to Individual Family Service Plan and implementation.
FA

FCS 2701 EIS Devel Special Needs Child 1.00 CR
Explores the importance of family partnerships in programming for the special needs child. Topics include understanding how special needs children can affect family and involving father, siblings, and grandparents; families as partners; cultural awareness; increasing sensitivity in working with culturally diverse families; understanding grief and loss and providing support; service coordination definition and qualifications; models; scenario; conflict management; and grief and teaming. Formulation of family outcomes using evidence based strategies and interventions.
FA

FCS 2702 EIS Cognitive Devel Spec Needs 1.00 CR
Overview of principles of cognition and cognitive development in early childhood. Study of atypical cognitive development and adaptive programming for special needs children in the area of cognition. Development of strategies for treatment of atypical development in cognition.
FA

FCS 2703 EIS: Health Safety Spec Needs 1.00 CR
Explores child care health and safety issues. Topics include communicable diseases, controlling the spread of disease, nutrition, medication management, promoting infant and toddler emotional well being, injury prevention, SIDS, Shaken Baby Syndrome, child abuse and neglect, and preventative oral health.
SP

FCS 2704 EIS Motor Devel Sensory Integ 1.00 CR
Explores motor development as it pertains to early intervention children. Topics include reflexes, early warning signs of delay, atypical development, pre and post natal causes of disability, sensory processing and integration, typical diagnosis positioning, equipment, toys, medical services, and case studies. Development of strategies for treatment in motor needs of the atypically developing child.
SP

FCS 2705 EIS Comm Soc/Emotional Devel 1.00 CR
Explores assisting early intervention children with their growth of communication skills. Topics include typical and atypical language development, naturalistic instruction techniques, and language treatment and production strategies. Overview of social emotional development, the importance of healthy attachment and bonding, child temperament, atypical social emotional development, and strategies for supportive interventions in communication and social emotional development.
SP

FCS 2880 Practicum Early Childhood Educ 2.00 – 4.00 CR
Required of students pursuing the associate’s degree in Early Childhood Education. Designed to provide on the job learning opportunities for prospective teachers of young children through in an early childhood educational setting, including teaching opportunities in the early childhood setting under the supervision of the program director and/or classroom teacher. Students will meet weekly with a faculty member in the FCS department in a seminar to establish learning objectives for the semester specific to student and the site placement, including each of the following areas: curriculum development, classroom management, lesson preparation and delivery, working with parents of young children, and supervising workers in an early childhood educational setting.
Prerequisites: FCS 2600, AND FCS AND 2610, AND FCS 2620; AND FCS 1500 or FCS 2500 or PSY 1100.
FA, SP

FINANCE (FIN)

FIN 1750 Personal Finance 3.00 CR
Open to all students who spend money (or plan to spend money). Covers conceptual tools needed to function in an expanding economy that requires personal financial decisions such as spending, saving, borrowing, insurance, consumer product purchases and investing decisions, as well as development of a personal budget, following a stock, and a group exploration presentation.
FA, SP, SU

FIN 3150 Managerial Finance I 3.00 CR
Required of students pursuing majors and emphases in the School of Business. Covers fundamentals necessary to analyze financial statements, identify management problems, determine causes, and make sound decisions, including cash flow; vertical, horizontal, and ratio analyses; break even; and profit volume, as well as tools of financial management, operating leverage, and projections.
Prerequisites: ACCT 2020; AND ECON 2020; AND STAT 2040; and Advanced standing.
FA, SP

FIN 3200 Money, Banking, & Credit 3.00 CR
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. Covers monetary standards, organization and functioning of the credit system and the Federal Reserve System, problems of money, prices, and credit control, while emphasizing recent monetary and banking trends.
Prerequisite: FIN 3150 (can be concurrently enrolled).
FA

FIN 3500 Financial Negotiations 3.00 CR
For students in the School of Business. Designed to teach students to use an integrated process for strategically planning for, conducting, and debriefing individual and group negotiations while assessing the impact of stakeholder positions, interests, and relationships.
Prerequisite: FIN 3150.
SP

FIN 3750 Introduction to Investments 3.00 CR
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. Highlights investment markets, transactions, return and risk measures, stock and preferred stock analysis and valuation, bond analysis and valuation, speculation vehicles, mutual funds, real estate investments, and portfolio building and management.
Prerequisite: FIN 3150.
SP

FIN 4150 Managerial Finance II 3.00 CR
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. In depth treatment of capital structure, dividend policy, corporate incentive problems, and implica-
tions for organization, structure and features of securities, agency theory, and signaling theory.  
Prerequisite: FIN 3150.  
SP  
FIN 4180 Entrepreneurial Finance 3.00 CR  
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. Explores all aspects of consumer and commercial credit management, including personal/consumer loans, mortgages, and credit cards; commercial credit topics such as business credit, factoring, financial analysis and reporting agencies; management of consumer credit by businesses; and credit issuance and collection policies.  
Prerequisites: ACCT 2020; AND ENGL 2010; AND FIN 3150.  
FA  
FIN 4300 Real Estate Finance 3.00 CR  
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. Covers mechanisms of real estate financing, sources of funds and financial institutions, governmental agencies, the framework for urban real estate investment decisions by individuals and institutions, the use of financing techniques, leverage, risk analysis and control, and taxation.  
Prerequisite: FIN 3150.  
SP  
FIN 4380 Financial Modeling & Decisions 3.00 CR  
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. Applies economic theories to solve various problems in financial management and investments using a hands-on approach in building financial spreadsheet models in Microsoft Excel.  
Prerequisite: FIN 3150.  
FA  
FIN 4400 International Finance 3.00 CR  
Required of students pursuing an emphasis in Finance; open to other interested students in the School of Business. A study of the international monetary system in its theoretical and institutional setting, the position of an individual business firm in conducting international trade, and procedures in financing international transactions.  
Prerequisites: FIN 3150.  
SP  
FREN 1010 Beginning French I 4.00 CR  
For beginning students interested in the French language. Speaking, listening, reading, and writing activities are used to develop communicative skills. Cultural awareness is also a component of this class. A variety of teaching methods are employed, including drills, videos, and work in pairs. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take FREN 1020.  
FA  
FREN 1020 Beginning French II 4.00 CR  
For students interested in the French language who have completed FREN 1010 or who have equivalent experience (approximately two years of high school French). Emphasizes developing communicative competence, including speaking, listening, reading, and writing, as well as cultural awareness. Varied methods are used to teach the class, including videos and drilling concepts. Students using 1020 as an entry level class may receive vertical credits for FREN 1010 upon passing 1020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take FREN 2010.  
Prerequisite: FREN 1010 or instructor permission.  
SP  
FREN 2010 Intermediate French I 4.00 CR  
For intermediate level students who have taken FREN 1020, or for students who have had equivalent experience (four or more years of high school French). Continued emphasis on communicative competence. Grammatical structures will be reviewed, conversation will be emphasized, and reading and writing will receive increased focus, as well as cultural awareness. A variety of teaching methods are employed, including drills, videos, conversational activities, reading, and lecture. Students using 2010 as an entry level class may receive vertical credits for lower level classes upon passing 2010 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take FREN 2020.  
Prerequisite: FREN 1020 or instructor permission.  
FA  
FREN 2020 Intermediate French II 4.00 CR  
For intermediate level students who have taken FREN 2010. Continued emphasis on communicative competence. Grammatical structures will be reviewed, conversation will be emphasized, and reading and writing will receive increased focus, as well as cultural awareness. A variety of teaching methods are employed, including drills, videos, conversational activities, reading, and lecture. Students using 2010 as an entry level class may receive vertical credits for lower level classes upon passing 2010 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take FREN 2020.  
Prerequisite: FREN 2010 or instructor permission.  
SP  
GEOGRAPHY (GEOG)  
GEOG 1000 Physical Geography 3.00 CR  
Fulfills General Education Physical Science requirement. Focuses on the physical elements of the natural environment, including atmosphere, lithosphere, biosphere, hydrosphere and their integrated patterns of world distribution. Successful completion enables students to be familiar with climates, landforms, soils, water, plants, animals and how they all interact to make up the surface of the earth.  
Corequisite: GEOG 1005.  
FA, SP, SU  
GEOG 1005 Physical Geography Lab 1.00 CR  
Lab portion of GEOG 1000. One field trip required.  
Lab fee required. Corequisite: GEOG 1000.  
FA, SP, SU  
GEOG 1020 Introduction to Weather 3.00 CR  
Fulfills General Education Physical Science requirement. Survey of the atmosphere and related phenomenon, including the impact of weather on human activities as well as understanding of basic weather principles.  
SP
GEOLOGY (GEO)

GEO 1010 Introduction to Geology 3.00 CR
Fulfills General Education Physical Science requirement for non Science majors. General survey of physical Geology, focusing on developing an appreciation for the region’s scenic landforms and their origins, as well as Earth history and processes, natural resources, geological hazards, and landforms. Field trip required. Course fee required. Corequisite: GEO 1015. FA, SP, SU

GEO 1015 Introduction to Geology Lab 1.00 CR
A laboratory course to be taken concurrently with Geology 1010. Lab fee required. 2 lab hours per week.

GEO 1020 Life of the Past 3.00 CR
Fulfills General Education Physical Science requirement for non Science majors. General survey of historical Geology focusing on the relationship between the tectonic history of the Earth, the evolution of life through time, and the histories of the Earth and life and the complex interactions between them. One field trip required. Course fee required. SP

GEO 1040 Introduction to Dinosaurs 3.00 CR
Fulfills General Education Physical Science requirement. Utilizes the popular subject matter of dinosaurs to teach basic principles of geology, biology, physics, chemistry, and astronomy, with some basic math (algebra). Successful completion of this interdisciplinary course contributed to an understanding of science and scientific concepts as well as their applications in a multitude of disciplines. One field trip required. Course fee required. FA

GEO 1050 Geology of the National Parks 3.00 CR
Fulfills General Education Physical Science requirement. Investigates the geologic history of the southwest with an emphasis on the geology of the regional national parks, and the history and processes that have shaped them. Corequisite: GEO 1055. FA

GEO 1055 Geology National Parks Lab 1.00 CR
Field trip portion of GEO 1050. Two separate weekend field trips to national parks required to observe geologic features and processes, and gain hands on practice in rock identification. Requires camping and some hiking. Lab fee required. Corequisite: GEO 1050. FA

GEO 1060 Environmental Geology 3.00 CR
Fulfills General Education Physical Science requirement for non Science majors. Emphasizes relationship between human beings and the geologic environment, including geologic hazards, mineral and energy resources, and environmental issues, including causes and impacts of environmental threats. SP

GEO 1080 Introduction to Oceanography 3.00 CR
Fulfills General Education Physical Science requirement. Conveys the essential principles of ocean science, including an understanding of the earth’s oceans focusing on sea floor topography and composition, plate tectonics, seawater dynamics and chemistry, atmospheric and ocean currents, waves, coastal land forms, and marine life as well as recognition of the close linkage of weather, climate, and humans to the oceans. FA

GEO 1110 Physical Geology 3.00 CR
Fulfills a General Education Physical Science requirement for students majoring in the Sciences or Engineering, including Civil Engineering, Geology, Range Management, Forestry, etc. Covers the study of the physical features of the earth and the processes that shape those features. Successful completion gives students the background necessary for further study in the sciences. Corequisite: GEO 1115. FA

GEO 1115 Physical Geology LAB 1.00 CR
Lab portion of GEO 1110. Field trips required. Lab fee required. Corequisite: GEO 1110. FA

GERMAN (GERM)

GERM 1010 Beginning German I 4.00 CR
For beginning students interested in the German language. Emphasis on listening, speaking, reading, and writing skills will help the student begin to develop communicative competence. Discussion of German culture is also a component of this course. Several teaching methods are employed, including lecture, drill practice, videos, and group work. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take GERM 1020. FA

GERM 1020 Beginning German II 4.00 CR
For intermediate level students who have taken GERM 1010, or for students who have equivalent experience (approximately two years of high school German). Continued emphasis on developing communicative skills, including speaking, listening, reading, and writing, as well as cultural awareness. Several teaching methods are employed, including lecture, drill practice, videos, and group work. Students using 1020 as an entry level class may receive vertical credits for GERM 1010 upon passing 1020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts degree or Bachelor of Arts degree. Successful completers are prepared to take GERM 2010. Prerequisite: GERM 1010 or instructor permission. SP

GERM 2010 Intermediate German I 4.00 CR
For intermediate level students who have taken GERM 1020, or for students who have had equivalent experience (four or more years of high school German). Continued emphasis on communicative competence. Grammatical structures will be reviewed, conversation will be emphasized, and reading and writing will receive increased focus, as well as cultural awareness. A variety of teaching methods are employed, including role play and small group activities, discussion of reading materials, and videos. Students using 2010 as an entry level class may receive vertical credits for lower level classes upon passing 2010 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take GERM 2020. Prerequisite: GERM 1020 or instructor permission. FA
**GRAPHIC COMMUNICATION (GCOM)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCOM 1010</td>
<td>Intro to Graphic Comm</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Includes theory and hands on assignments relative to the printing industry, including history, digital file preparation, digital file output, digital camera, offset press, finishing/binding, and screen printing Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
<tr>
<td>GCOM 1110</td>
<td>Digital File Preparation I</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Computer documents are produced using Adobe InDesign. Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
<tr>
<td>GCOM 1120</td>
<td>Digital File Preparation II</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Computer documents are produced using QuarkXPress. Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
<tr>
<td>GCOM 1220</td>
<td>Digital Photography / Scanning</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Hands on experiences with digital camera and scanner. Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
<tr>
<td>GCOM 1230</td>
<td>Digital File Output</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Covers preflighting documents prior to printing, producing proofs, determining page imposition, and performing computer to plate output. Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
<tr>
<td>GCOM 1410</td>
<td>Beginning Offset Press</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Covers theory and hands on experience in digital file output, paper cutting, press nomenclature, press make ready, for single and multi color press operation, including problem solving, and single and multi color jobs. Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
<tr>
<td>GCOM 1510</td>
<td>Finishing / Binding</td>
<td>3.00 CR</td>
<td>For students interested in the printing industry. Covers finishing and binding tasks for job entry, including paper math, paper cutting, padding, stitching, folding, scoring, slitting, and safety. Based on PrintED competencies; various certificates of completion are available. Offered based upon sufficient student need.</td>
</tr>
</tbody>
</table>
HEALTH SCIENCES (HLOC)

HLOC 1000 Medical Terminology 2.00 CR
Strongly recommended for students entering health professions; open to all students. Emphasizes memorization of word roots, suffixes, and prefixes of both Greek and Latin origin, as well as proper pronunciation and spelling of medical terms. Material is organized according to body systems; some basic anatomy and physiology is included.
FA, SP, SU

HLOC 1001 Intro to Nursing/Allied Health 1.00 CR
A First Year experience course designed to help entering freshmen and transfer students with 0-24 credits majoring in nursing or allied health adapt to college life and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study in the health sciences. Students will begin to explore the collaborative relationships necessary for interdisciplinary health care.
FA

HLOC 1010 Intro to Health Professions 2.00 CR
Open to all students. Emphasizes U.S. health care system, including health care reform; current political, social and ethical issues; and changes in educational and legal requirements for more than sixty health and health related professions, including information on salaries, employment opportunities and trends, and various associations. Students will prepare a resume and receive tips on interviewing techniques and job hunting. Successful completion of the course should enable students to better select a career in health care suited to them.
FA, SP

HLOC 1020 Intro to Sports Medicine 3.00 CR
Designed for individuals interested in athletic training, physical therapy, orthopedics, coaching, or other physical education or fitness related careers, but open to all students. Includes the basics of sports medicine (prevention of injury, evaluation of injury, and management of injury) and lab component where students will have hands on, field experiences with athletic trainers and therapists.
FA, SP

HLOC 1050 Cardio Pulmonary Resuscitation 0.50 CR
Open to all students. CPR training at multiple levels dependent on student need: airway management, adult/child/infant, cardiac pulmonary resuscitation adult/child/infant, and use of pocket masks. Course fee required. Prerequisite: Instructor permission.
FA, SP, SU

HLOC 1060 First Aid 0.50 CR
Open to all students who have a requirement for or personal interest in basic first aid. Techniques include bleeding control; treatment, stabilization of fractures, sprains, and dislocations; and metabolic and environmental emergencies. Course fee required. Prerequisite: Instructor permission.
FA, SP, SU

HLOC 1800 Health Occup Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

HLOC 1810 Health Occup Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

HLOC 1820 Health Occup Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SU

HLOC 2830 Pre Hosp Trauma Life Support 1.00 CR
For students who hold a current EMT P and current BLS Healthcare Provider (or equivalent) certifications. Designed by the National Association of EMTs (NAEMT) in cooperation with the Committee on Trauma of the American College of Surgeons, and targeted for the current paramedic to provide knowledge and skills for pre hospital assessment and care of the trauma patient. Course fee required. Prerequisite: Instructor permission. Offered based upon sufficient student need.

HLOC 3080 Advanced Sports Medicine 3.00 CR
Open to all students, and designed to introduce injury recognition, care and rehabilitation of injuries occurring to the active individual for athletic training.
Prerequisite: HLOC 1020.
FA or SP (Once each academic year; consult class schedule)

HISTORY (HIST)

HIST 1100 Western Civilization I 3.00 CR
Fulfills a General Education Social & Behavioral Sciences requirement. Explores the intellectual, social, ethical, religious, and aesthetic processes, institutions and ideas of Western Civilization from pre history to 1715. Emphasizes reading, discussing, and writing about important texts and art forms of various periods. Successful completers will have developed an understanding of the general intellectual trends and historical contexts of western civilization through the Age of Reason.
FA, SP

HIST 1110 Western Civilization II 3.00 CR
Fulfills a General Education Social & Behavioral Sciences requirement. Explores the intellectual, social, ethical, religious, and aesthetic
HIST 1700 American Civilization 3.00 CR
Fulfills the General Education American Institutions (Utah State Code R470) requirement. Surveys the historical, constitutional, and economic growth of the United States from colonial times to the present. Employs lectures, discussion, audio visual materials, and various other instructional methods. Successful students will demonstrate a reasonable understanding of the history, principles, form of government, and economic system of the United States, as well as an appreciation of the American heritage and the responsibilities of American citizens. Prerequisite: Reading placement score 17 or higher, or ENGL 1470. Offered based on sufficient student need.
FA, SP

HIST 3670 Slavery & the American Republic 3.00 CR
Explores the creation of slavery in North America from European settlement until 1865, and emphasizes the trans Atlantic slave trade, the creation of hereditary chattel slavery in America, the government and legal mechanisms that allowed this, slave life and culture, and the efforts to abolish the institution before the Civil War. Prerequisites: ENGL 1010; and HIST 1700. Offered based on sufficient student need.
FA, SP

HIST 3730 American Civil War & Reconstruction 3.00 CR
Examines America's greatest crisis from the Mexican War (1846-48) through the abandonment of Reconstruction in 1877, exploring the political, social, economic, and military aspects of the nation's march to war, the conflagration that preserved the Union and ended slavery, and the efforts to reconstruct a shattered South. The course also investigates how Americans remember the Civil War and Reconstruction. Prerequisites: ENGL 1010; and HIST 1700. Offered based on sufficient student need.
FA, SP, SU

HIST 3740 The Emergence of Modern America 3.00 CR
A concentrated survey that explores U.S. history from the Gilded Age in the late nineteenth century through the Progressive Era of reform, WWI, the 1920s, the Great Depression and the New Deal, ending with the onset of WWII. Prerequisites: ENGL 1010; and HIST 1700. Offered based on sufficient student need.
FA, SP

HIST 4730 Society & Culture US 1780 1860 3.00 CR
A topical examination of American cultural and social history between the Revolution and the Civil War, focusing on the growth and development of the nation's market economy, slavery and abolition, changes in family life, evolving understandings of democracy and republicanism, and the rise of popular literature, amusements, and religion. Prerequisites: ENGL 1010; and HIST 1700. Offered upon sufficient student need.

HONORS (HON)

HON 1610 Dixie Forum 1.00 CR
For all students. Introduces students to a variety of speakers presenting lectures or performances on artistic, historic, business, scientific, and other academic topics. Successful completers will attend at least 10 presentations and write brief response papers for each. Repeatable up to 8 credits subject to graduation restrictions. FA, SP

HUMANITIES (HUM)

HUM 1001 FYE: Humanities 1.00 CR
Designed for freshmen majoring in English or other humanities disciplines, including English, foreign language, and philosophy, this class also helps undecided humanities majors choose a field of study. Assists students to adapt to college life and become integrated into Dixie State College. Students will refine academic skills; create and foster social networks; learn about college resources; and explore degree options, current job opportunities, and various career paths. Offered based on sufficient student need.
FA, SP

HUM 1010 Intro to the Humanities 3.00 CR
Fulfills a General Education Humanities requirement. For students in all disciplines with an interest in exploring the interrelationship of art, literature, music, philosophy, architecture, sculpture, and other art forms. Enhances appreciation and understanding of all forms of creative human expression. Includes readings, films, group discussions, lectures, and written responses to the humanities through papers and exams. Successful students will demonstrate skill on exams and in discussing, reading and writing about the humanities. Offered based on sufficient student need.
FA, SP, SU

HUM 3030 Multicultural Studies 2.00 CR
Designed for students in the School of Business, this course provides instruction in issues of race, gender, and class, and gives students a theoretical grounding. Uses texts, films, and other media from literature, philosophy, sociology, and ethnology. Students will apply theory to actual case studies from modern professional settings. Prerequisite: Advanced standing. Offered based on sufficient student need.
FA, SP, SU

INFORMATION TECHNOLOGY (IT)

IT 1100 Intro to Operating Systems 3.00 CR
Required of all Computer Science and Computer and Information Technology majors, and open to students with a general interest in computer operating systems. Introduces operating system concepts, including file systems, process management, user management, and security. Students will install and configure a variety of operating systems and software packages. Course fee required.
FA, SP

IT 2400 Intro to Networking 3.00 CR
Required of all Computer Science and Computer and Information Technology majors, and open to students with a general interest in computer networking. Introduces fundamental concepts of computer networks, including physical, transport, and application layers through completion of assignments predicting and measuring the behavior of computer networks under various conditions. Course fee required. Prerequisite: IT 1100 (Grade C or higher). FA, SP
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Requirements</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 3100</td>
<td>Systems Design &amp; Admin I</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of Computer and Information Technology majors and students with an emphasis in Information Technology. Covers system administration topics for managing Internet-facing services, including DNS, SMTP, and HTTP. Students will install, configure, and test services in a server environment. Course fee required. Prerequisites: CS 1400 (Grade C or higher); AND IT 2400 (Grade C or higher).</td>
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<tr>
<td>IT 3110</td>
<td>Systems Design &amp; Admin II</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing an emphasis in Information Technology, and open to Computer &amp; Information Technology and Computer Science students. A continuation of IT 3100, course covers administration topics for managing local network services, including file sharing and user profile sharing in heterogeneous computer networks. Students will install, configure, and test services in a server environment. Course fee required. Prerequisite: IT 3100 (Grade C or higher).</td>
<td></td>
</tr>
<tr>
<td>IT 3200</td>
<td>Perl Programming</td>
<td>3.00</td>
<td>Cr.</td>
<td>For Computer &amp; Information Technology and Computer Science students. Covers syntax and common usage of the Perl programming language through program development. Course fee required. Prerequisite: CS 1410 (Grade C or higher). Offered based on sufficient student need.</td>
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<tr>
<td>IT 3500</td>
<td>Electronic Commerce</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing a Computer &amp; Information Technology degree or an Information Technology emphasis. Also open to other interested students. Covers concepts and principles of electronic commerce from an interdisciplinary approach, including computer sciences, marketing, consumer behavior, finance, economics, and information systems. Specifies include electronic commerce process steps, Intemet infrastructure, demographics, marketing and market research, advertising, promotion, strategy development, financing, competitive analysis, technical development, Web site review, launch, and on going innovation. Course fee required. FA, SP</td>
<td></td>
</tr>
<tr>
<td>IT 3550</td>
<td>Internet &amp; ECommerce Marketing</td>
<td>3.00</td>
<td>Cr.</td>
<td>For students pursuing a Computer &amp; Information Technology degree. Also open to interested students. Covers impact of new technologies and Internet expansion on marketing and advertising information intensive products and services on the Internet, particularly targeting and reaching customers. Course fee required. FA</td>
<td></td>
</tr>
<tr>
<td>IT 4200</td>
<td>Advanced Web Delivery</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing an Information Technology emphasis, and open to other interested students. Covers advanced web server configuration, management, and optimization necessary to provide web application delivery environments. Course fee required. Prerequisites: IT 3100 (Grade C or higher); AND VT 1400 (Grade C or higher).</td>
<td></td>
</tr>
<tr>
<td>IT 4300</td>
<td>Database Design &amp; Management</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing an Information Technology emphasis. Covers administration of database management systems, logical database design, implementation of database designs, and application development using a DBMS. Students will design, manage, and implement databases and applications that use databases. Course fee required. Prerequisites: CS 1400 (Grade C or higher); AND IT 1100 (Grade C or higher).</td>
<td></td>
</tr>
<tr>
<td>IT 4400</td>
<td>Network Design &amp; Management</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing an Information Technology emphasis. Covers the design, management, and monitoring of a network. Hands on configuration experience of layers 1, 2, and 3 will be given on both LAN and WAN levels. The successful student will be prepared to successfully complete the CCNA exam. Course fee required. Prerequisite: IT 2400 (Grade C or higher).</td>
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</tr>
<tr>
<td>IT 4500</td>
<td>Information Security</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing an Information Technology emphasis. Reviews current security exploits, vulnerabilities, and counter measures. Covers general security models and architectures, encryption and forensics. Course fee required. Prerequisites: CS 1400 (Grade C or higher); AND IT 3100 (Grade C or higher).</td>
<td></td>
</tr>
<tr>
<td>IT 4600</td>
<td>Advanced Web Delivery</td>
<td>3.00</td>
<td>Cr.</td>
<td>Required of students pursuing an Information Technology emphasis. Students will complete an aggressive information technology project. Course fee required. Prerequisites: Senior status. SP</td>
<td></td>
</tr>
</tbody>
</table>

**INTEGRATED ARTS (IART)**

| IART 1001 | Intro/Fine & Performing Arts                     | 2.00    | Cr.                                                                             | First Year Experience course strongly recommended for all entering freshmen and transfer students with 0-24 credits. Designed to help students adapt to college life and become integrated into Dixie State College, especially the study of Fine & Performing Arts, including dance, theatre, and visual art. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities. FA |

**INTEGRATED STUDIES (INTS)**

| INTS 1001 | Intro to Integrated Studies                      | 1.00    | Cr.                                                                             | A First Year Experience course strongly recommended for all entering freshmen and transfer students with 0-24 credits. Provides an orientation to college studies and the college environment for students interested in Integrated Studies and/or a major not currently available. Emphasizing interdisciplinary learning, encourages students to explore themes, issues, and problems in a number of disciplines as a means to developing an integrative, interdisciplinary perspective. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities. FA, SP |
**INTS 3100 Interdisciplinary Studies** 3.00 CR
Required of all Integrated Studies majors. Includes methods, practices, and theories of integrated, interdisciplinary study through collaboration on problem solving projects in which they apply integrative approaches to common themes, ideas, issues, and events in various disciplines while exploring conceptual basis of each of their two emphasis area disciplines.
Prerequisite: ENGL 1010 (Grade C or higher).
FA, SP, SU

**INTS 3500 Ethics and Values** 3.00 CR
Required of all Integrated Studies majors. Examines the relationships and conflicts between values and ethics in a variety of personal, professional, public and disciplinary contexts through a review of the history of ethical philosophy and practice, emphasizing application of ethical theories to contemporary situations and problems.
Prerequisite: ENGL 2010 (Grade C or higher).
FA, SP

**INTS 3900 Interdisciplinary Topics** 3.00 CR
For all interested students. Presents a topic, problem, or theme from multiple disciplinary perspectives. Students experience the advantages and necessity of bringing the knowledge, concepts, theories, and methods of distinct disciplines to bear on understanding complex issues and ideas.
Repeatable for credit as topics vary.
Prerequisite: ENGL 1010 (Grade C or higher).
FA, SP

**INTS 4890 Independent Study** 1.00 – 3.00 CR
Provides opportunities for majors to engage with an interdisciplinary issue or problem of interest. Projects must be proposed by the student, approved by the department chair, and focused on integrated, interdisciplinary methods and perspectives. All projects will require research and a written product, and students will be expected to meet with the instructor regularly throughout the term.† Students may apply no more than 6 credits of Independent Study courses to the Integrated Studies bachelor's degree.
Variable credit: 1.0 3.0. Repeatable up to 6 credits subject to graduation restrictions. Prerequisites: INTS 3100; AND Advanced standing.
FA, SP, SU

**INTS 4900 Senior Research** 3.00 CR
Required of all Integrated Studies majors in their final year. The first in a 2 course sequence providing the culminating experience in the program. Focuses on research methods and scholarly writing as students identify project topics and prepare formal proposals for review and approval.
Prerequisites: INTS major; and Senior standing.
FA, SP, SU

**INTS 4910 Senior Project** 3.00 CR
Required of all Integrated Studies majors in their final year. The second in a 2 course sequence providing the culminating experience in the program. Students will select a topic, theme, issue, or problem and relate their two areas of concentration through careful analysis and creative synthesis, producing a major project that exhibits skill in interdisciplinary understanding.
Prerequisite: INTS 4900.
FA, SP

**JAPANESE (JAPN)**

**JAPN 1010 Beginning Japanese I** 4.00 CR
For beginning students interested in the Japanese language. Emphasis on gaining communicative competence by focusing on the development of speaking and listening comprehension skills. Discussion of Japanese culture is also a component of the course. Several teaching methods are employed, including lecture, drill practice, conversation exchanges, videos, lab tapes, and group work. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take JAPN 1020.
FA, SP

**JAPN 1020 Beginning Japanese II** 4.00 CR
For beginning students interested in the Japanese language who have completed JAPN 1010 or who have equivalent experience (approximately two years of high school Japanese). Continued emphasis on gaining communicative competence by focusing on the development of speaking and listening comprehension skills. Several teaching methods are employed, including lecture, drill practice, conversation exchanges, videos, lab tapes, and group work. Students using 1020 as an entry level class may receive vertical credits for JAPN 1010 upon passing 1020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take JAPN 2010.
Prerequisite: JAPN 1010 or instructor permission.
SP

**JAPN 2010 Intermediate Japanese I** 4.00 CR
For intermediate level students who have taken JAPN 1020, or for students who have had equivalent experience (four or more years of high school Japanese). Continued emphasis on communicative competence. Grammatical structures will be reviewed, conversation will be emphasized, and reading and writing will receive increased focus, as well as cultural awareness. A variety of teaching methods are employed, including drills, videos, conversational activities, reading, and lecture. Students using 2010 as an entry level class may receive vertical credits for lower level classes upon passing 2010 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take JAPN 2020.
Prerequisite: JAPN 1020 or instructor permission.
FA based on sufficient student need.

**JAPN 2020 Intermediate Japanese II** 4.00 CR
For intermediate level students who have taken JAPN 2010. Continued emphasis on communicative competence. Grammatical structures will be reviewed, conversation will be emphasized, and reading and writing will receive increased focus, as well as cultural awareness. A variety of teaching methods are employed, including drills, videos, conversational activities, reading, and lecture. Students using 2020 as an entry level class may receive vertical credits for lower level classes upon passing 2020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take JAPN 2020.
Prerequisite: JAPN 2010 or instructor permission.
SP based on sufficient student need.
LIBRARY SCIENCE (LIB)

LIB 1010 Information Literacy 1.00 CR
Fulfills general Education Information Literacy requirement by introducing students to college level research in an online course. Students will learn to determine the extent of information needed; access the needed information effectively and efficiently; evaluate information and its sources critically; incorporate selected information into one's knowledge base; use information effectively to accomplish a specific purpose; understand the economic, legal, and social issues surrounding the use of information; and access and use information ethically and legally. Competency based course, graded Pass/Fail.
Prerequisite: English placement score 19 or higher OR ENGL 0990 (Grade C or higher).
FA, SP, SU

MANAGEMENT (MGMT)

MGMT 1650 Supervision Management 3.00 CR
For newly appointed working supervisors. Provides preparation in functions of organizations, communications, personnel management, leadership, motivation, employee appraisal, productivity, and career paths. Students will exercise management decision making skills and problem solving techniques in group discussion by using up to date case analysis. Offered as Concurrent Enrollment only.

MGMT 1800 Management Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

MGMT 1810 Management Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

MGMT 1820 Management Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SU

MGMT 2050 Business Law 3.00 CR
Required of students pursuing School of Business majors; open to other interested students. Surveys legal environment for business majors with an introduction to the legal system, including dispute resolution, property crimes, fundamental principles of tort liability, government regulation of enterprise and individuals, contracts, and sales.
FA, SP, SU

MGMT 2600 Entrepreneurship 3.00 CR
Open to interested students. Covers the advantages and disadvantages of owning and/or operating a business; includes necessary steps necessary in starting a small business. Students will construct a business prospectus to provide "hands on" exposure to the world of business.
FA, SP

MGMT 3200 Small Business Management 3.00 CR
For students pursuing majors in the School of Business. Addresses practical solutions to common problems and decisions facing small business managers, including financing, inventory control, cash flow, personnel management, taxes, and customer service.
Prerequisites: ACCT 2010; AND ENGL 2010; AND MGMT 3400.
SP

MGMT 3400 Management & Organizations 3.00 CR
Required of students pursuing School of Business majors; open to other interested students. Surveys management theory and the elements and variables that influence organizations. Examines the structure and design of organizations and the management tools used in planning, organizing, directing, controlling, leading, and coordinating organizations.
Prerequisite: Advanced standing.
FA, SP, SU

MGMT 3510 Business Professional Ethics 2.00 CR
Fulfills Ethics requirement for students pursuing School of Business majors; open to other interested students. Examination of selected ethical issues in business and technology, including justice, corporate responsibility, preferential treatment, advertising practices, environmental responsibility, confidentiality, privacy, and government regulation.
Prerequisite: ENGL 1010 (Grade C or higher).
FA, SP, SU

MGMT 3600 Production & Operations 3.00 CR
Required for students pursuing School of Business majors; open to other interested students. Focuses on management of resources for products or services within an organization; covers facility location and layout, planning, and operational processes; and emphasizes product/service development, forecasting, inventory control, quality assurance, and research techniques.
Prerequisites: STAT 2040; AND Advanced standing.
FA, SP, SU

MGMT 3700 Organizational Behavior 3.00 CR
For students pursuing degrees in the School of Business. In depth examination of behavioral theories and research, focusing on the individual in such areas as socialization, motivation, communication, leadership, decision making, conflict resolution, team building, and adaptation to change, emphasizing application of behavioral and organizational theory to develop managerial, leadership, and interpersonal skills.
Prerequisite: MGMT 3400.
SP, SU
MGMT 4000 Purchasing & Supply Mgmt 3.00 CR
For students pursuing degrees in the School of Business. Introduces basic elements, issues, and problems of modern purchasing and supply management processes and practices, with emphasis on identifying and solving purchasing and supply management problems. Prerequisite: MGMT 3600 (can be concurrently enrolled). FA, SP

MGMT 4200 Business Internship I 1.00 – 3.00 CR
Internship experience for students pursuing degrees in the School of Business. Prerequisites: Advanced standing; AND Instructor Permission. FA, SP

MGMT 4210 Business Internship II 1.00 – 3.00 CR
Internship experience for students pursuing degrees in the School of Business. Prerequisites: MGMT 4200; AND Instructor Permission. FA, SP, SU

MGMT 4300 Human Resource Management 3.00 CR
For students pursuing degrees in the School of Business. Covers labor-management relations, harassment, discrimination, and legal issues. Emphasizes job analysis, design, recruiting, selection, placement, and orientation. Provides tools for the implementation of a human resource management program. SP

MGMT 4400 International Business 3.00 CR
Required for students pursuing School of Business majors; open to other interested students. Explores the unpredictable forces of foreign business environments and the role of multinational corporations in worldwide economic development with emphasis on complexities confronting US firms operating in international market, covering trade and foreign investment; theories of international trade, economic development, and international investment; and governmental and private international agencies, which affect international business. Prerequisites: MKTG 3010 (can be concurrently enrolled). FA, SP, SU

MGMT 4800 Strategic Management 3.00 CR
Required of students pursuing degrees in the School of Business. Capstone course focusing on the manager in dealing with strategic business challenges, the integration of functional areas, policy formulation and implementation. Prerequisites: ACCT 3050 (can be concurrently enrolled); AND FIN 3150 (can be concurrently enrolled); AND MGMT 3400 (can be concurrently enrolled); AND MGMT 3600 (can be concurrently enrolled); AND MKTG 3010 (can be concurrently enrolled). FA, SP, SU

MGMT 4900 Independent Research I 1.00 – 3.00 CR
For students pursuing degrees in the School of Business. Independent research/reading opportunity in areas not fully covered by core or elective courses. Prerequisites: Advanced standing; AND instructor permission. FA, SP, SU

MGMT 4910 Independent Research II 1.00 – 3.00 CR
For students pursuing degrees in the School of Business. Additional independent research/reading opportunities in areas not fully covered by current core or elective courses. Prerequisites: MGMT 4900; AND Advanced standing; AND Instructor permission. FA, SP, SU

MGMT 4950 Seminar in Business 1.00 – 3.00 CR
For students pursuing degrees in the School of Business. Special topics in Business Management. Repeatable for credit as topics vary. Prerequisite: Advanced standing. SU

MANUFACTURING (MAN)

MAN 1010 Manufacturing Processes I 3.00 CR
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used manufacturing techniques, including thermal mass reducing, chemical reducing and deformation processes, as well as the use of lean manufacturing processes and introduction to the Six Sigma standard in evaluating quality. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State College Operations Management program. Offered in rotation in Operations Management program.

MAN 1020 Industrial Maintenance I 3.00 CR
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used industrial maintenance techniques, including basic maintenance principles, service and repair principles, electrical systems, electronics and programming controllers, as well as the use of total productive maintenance (TPM) and continued development of Six Sigma. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State College Operations Management program. Offered in rotation in Operations Management program.

MAN 2010 Manufacturing Processes II 3.00 CR
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used manufacturing techniques, including mechanical, thermal and chemical joining processes; annealing (softening); hardening; surface preparation; and surface coating processes, as well as the use of lean manufacturing processes and Six Sigma standards. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State College Operations Management program; AND MAN 1010. Offered in rotation in Operations Management program.

MAN 2020 Industrial Maintenance II 3.00 CR
For students pursuing an Operations Management degree. Provides a general understanding of, and experiences with, commonly used industrial maintenance techniques, including refrigeration and boiler systems; heating, air conditioning and ventilation systems; mechanical systems; fluid power systems; and troubleshooting, as well as the use of total productive maintenance (TPM) and continued development of Six Sigma. Combined lecture with lab / and practicum. Prerequisite: Admission to Dixie State College Operations Management program; AND MAN 1020. Offered in rotation in Operations Management program.
MKTG (MKTG)

MKTG 1510 Principles of Salesmanship 3.00 CR
Required of students pursuing a General Marketing degree; and open to students interested in sales careers and the selling process in retail and non retail environments. Includes proper prospecting methods, approaches, presentations, handling of objections, closing the follow up, telemarketing, management of sales territories, sales forces, and sales meetings.
FA

MKTG 1530 DEX: Delta Epsilon Chi 1.00 CR
For members of Delta Epsilon Chi, an organization for college students preparing for careers in marketing, management, and entrepreneurship, or related business areas, and is the post secondary affiliate of Distributed Education Clubs of America (DECA). Designed to provide leadership development and marketing related activities and competition not traditionally available in college courses. Annual DEX membership fee required. Repeatable up to 4 credits subject to graduation restrictions.
FA, SP

MKTG 1540 Marketing Skills Improvement 1.00 CR
Covers a wide variety of marketing and management skill areas in order to allow DEX students the opportunity to upgrade their marketing and management skills and prepare for competition through marketing and management skills, through actual participation in actual business simulations and case problems. Repeatable up to 4 credits subject to graduation restrictions. Corequisite: MKTG 1530.
FA, SP

MKTG 1800 Marketing Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

MKTG 1810 Marketing Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

MKTG 1820 Marketing Work Experience 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

MKTG 2520 Principles of Display 2.00 CR
Required of students pursuing a General Marketing degree; and open to other interested students. Covers fundamental principles and elements of display necessary for effective visual presentation of both goods and services, including proper techniques for windows, interior, exterior, pinning and flying, and remote display, with ample opportunity to view, critique, and construct displays.
SP

MKTG 2550 Marketing Essentials 3.00 CR
Required of students pursuing a General Marketing degree; and open to other interested students. Covers the vocabulary and the basic understanding of the marketing concepts, including an overview of the process of target marketing, marketing opportunities, product and distribution decisions, integrated marketing communications and pricing policies, with an emphasis on practical decisions for small businesses.
FA

MKTG 3010 Marketing Principles 3.00 CR
Required for students pursuing majors in the School of Business. Provides a basic background in the broad field of marketing by examining the processes that direct the planning and execution of the conception, pricing, promotion, and distribution of ideas, goods, and services to create exchanges that will satisfy individual and organizational objectives, including international implications, consumer behavior, product and distribution channel strategies, and pricing and promotional strategies.
FA, SP, SU

MKTG 3450 Consumer Behavior 3.00 CR
For students pursuing majors in the School of Business. Covers the basic principles of consumer behavior, including the psychological, sociological, and anthropological bases of consumer behavior as related to consumer purchasing and consumption habits.
Prerequisite: MKTG 3010; and Advanced standing.
SP

MKTG 3500 Promotion Management 3.00 CR
For students pursuing majors in the School of Business. Integrates financial, marketing, and economic concepts to analyze marketing decision making and planning utilizing cases, projects, and computer simulations of work situations.
Prerequisite: MKTG 3010; and Advanced standing.
FA

MKTG 4700 Marketing Strategy 3.00 CR
For students pursuing majors in the School of Business. Integrates finance, marketing, and economic concepts to analyze marketing decision making and planning utilizing cases, projects, and computer simulations of work situations.
Prerequisite: MKTG 3010; and Advanced standing.
FA
MATH 0920 Basic Math/Pre Algebra 4.00 CR
Designed for students with an ACT Math score of 12 or lower or for students needing to learn or review basic mathematics skills. Covers operations on whole numbers, fractions, decimals, percents with applications, ratios and proportions, signed numbers, linear equations with applications, positive integral exponents, geometry, and polynomials. Graphing and polynomial factoring will be introduced. Successful completers (Grade C or higher) will be prepared to enroll in MATH 0990. This course is offered in two delivery formats: lecture and individualized. Course fee required on individualized format MATH 0920 class. FA, SP, SU

MATH 0990 Elementary Algebra 4.00 CR
Designed for students with a Math placement score 13 17, or for students needing to learn or review elementary algebra. Covers operations on integers, fractions, integral exponents, polynomials with factoring, linear and quadratic equations with applications, rational expressions, linear systems, graphing, and radicals. Successful completers (Grade C or higher) will be prepared to enroll in Math 1010. Prerequisite: Math placement score or higher, OR MATH 0920 (Grade C or higher). FA, SP, SU

MATH 1001 FYE: Introduction to Math 1.00 CR
A First Year Experience course created to help students succeed in the Math major, and assist new freshmen and returning students to make a successful transition to being a college student. The primary objective of this course is to provide students with the resources they will need to succeed in their college careers, particularly in the Math major. FA

MATH 1010 Intermediate Algebra 4.00 CR
Prepares students for courses that fulfill the General Education Math requirement. Concepts emphasized in this course include the properties of the real number system, sets, functions, graphs, algebraic manipulations, linear and quadratic equations, systems of equations, and story problems. Students will be expected to reason mathematically and solve mathematical problems. Successful completion of the course gives students good preparation for college level math courses. Successful completers satisfy prerequisite for MATH 1030, MATH 1040, MATH 1050, and Mathematics prerequisite for BIOL 2030, CHEM 1120, PHYS 1010, and STAT 2040. Prerequisite: MATH 0990 (Grade C or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 18 or higher within two years of enrollment in this course. FA, SP, SU

MATH 1020 Geometry 3.00 CR
Main topics include: properties, symmetry, congruency, and similarity of geometric figures; Pythagorean Theorem and right triangle relationships; areas; circles; constructions; use of geometrical thinking in solving problems and proofs. Prerequisite: MATH 0990 (Grade C or higher); OR MATH 1010 (can be concurrently enrolled). Offered based upon sufficient student need.

MATH 1030 Quantitative Reasoning 3.00 CR
Fulfills General Education Mathematics requirement for students in Fine Arts or Liberal Arts degrees. Focuses on development of analytical problem solving skills through the application of various mathematical concepts to real life problems. Topics of study include: modeling with algebra; geometry; logic; financial math; right triangle trigonometry (indirect measurement); probability and statistics. Students are cautioned to check degree and/or transfer requirements before taking this course. Prerequisite: MATH 1010 (Grade C or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 23 or higher within two years of enrollment in this course. SP

MATH 1040 Introduction to Statistics 3.00 CR
Fulfills General Education Mathematics requirement for students majoring in Communications, Social & Behavioral Sciences, Fine Arts, or Liberal Arts. Introduction to basic concepts and methods used in statistical data analysis, includes descriptive statistics, sampling, and inferential methods while emphasizing problem solving and critical thinking. Required for Utah Level 2 Math Endorsement. Students are cautioned to check degree and/or transfer requirements before taking this course. Successful completers satisfy Mathematics prerequisite for PSY 3000. Prerequisite: MATH 1010 (Grade C or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 23 or higher within two years of enrollment in this course. FA, SP, SU

MATH 1050 College Algebra / Pre Calculus 4.00 CR
Fulfills General Education Mathematics requirement for students majoring in Business, Elementary Education, Health Sciences, Science, and other majors. Reviews Fundamental algebra; explores polynomial and rational functions; introduces exponential and logarithmic functions and applications; trigonometric functions dealing with graphs, identities, and equations, including inverse functions. Required for Utah Level 2 and Level 3 Math Endorsements. Satisfies prerequisites for MATH 1060, MATH 1100, MATH 1210(also needs MATH 1060), and MATH 2010, and Mathematics prerequisite for BIOL 3150, and CHEM 1210. Prerequisite: MATH 1010 (Grade C or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 23 or higher within two years of enrollment in this course. FA, SP, SU

MATH 1060 Trigonometry 3.00 CR
Fulfills General Education Mathematics requirement. Continuation of MATH 1050, involving further discussion of trigonometry and its applications, analytic geometry including conic sections, systems of equations and inequalities, and partial fractions, as well as introducing discrete algebra including sequences and series and the binomial theorem. Required for Utah Level 2 and Level 3 Math Endorsements. Successful completion fulfills prerequisite for MATH 1210 (along with 1050), and Mathematics prerequisite for PHYS 2010. Prerequisite: MATH 1050 (Grade C or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 25 or higher within two years of enrollment in this course. FA, SP, SU

MATH 1065 Pre Calculus with Trigonometry 5.00 CR
Fulfills General Education Mathematics requirement. Provides in-depth review of pre calculus and trigonometry before entering trig based calculus by reviewing concepts taught in MATH 1050 and MATH 1060. Successful completion fulfills prerequisite for MATH 1210, and Mathematics prerequisite for PHYS 2010. Prerequisite: MATH 1050 (Grade B or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 25 or higher within two years of enrollment in this course. FA, SP
MATH 1080  Math of Technology 3.00 CR
For students pursuing technical certificates. Review of basic mathematical operations, including basic number systems, fractions, percentages, exponents, and scientific notation, as well as basic geometry and algebra with practical application of trigonometry. Also covers use of hand held calculator. Offered based on sufficient student need.

MATH 1100  Business Calculus 3.00 CR
Fulfills General Education Mathematics requirement. Required of majors in the Udvar Hazy School of Business, and students majoring in CIT, IT, and VT. Emphasizes functions, modeling, differentiation, applications of differentiation, exponential and logarithmic functions, integration, applications of integration, and functions of several variables. Prerequisite: MATH 1050 (Grade C or higher) within two years of enrollment in this course; OR ACT or equivalent placement score 25 or higher within two years of enrollment in this course.
FA, SP, SU

MATH 1210  Calculus I 5.00 CR
Fulfills General Education Mathematics requirement. Students will gain a basic understanding of calculus, the mathematics of motion and change, including limits and continuity, differentiation, applications of differentiation, integration, applications of integration, derivatives of exponential functions, logarithmic functions, inverse trigonometric functions, hyperbolic functions, and related integrals. Students must have a working knowledge of college algebra and trigonometry, and a graphing calculator is strongly recommended. Required for Utah Level 2, 3, and 4 Math Endorsements, and for students majoring in Computer Science. Successful completion fulfills prerequisite for MATH 1220, and Mathematics prerequisite for ENGR 2210. Prerequisite: MATH 1050 AND MATH 1060 (Grade C or higher); OR MATH 1065 (Grade C or higher); OR ACT or equivalent placement score 26 or higher.
FA, SP

MATH 1220  Calculus II 4.00 CR
Fulfills General Education Mathematics requirement. Continuation of MATH 1210, covering length, area of a surface of revolution, moments and centers of mass, integration techniques, sequences and series, parameterization of curves and polar coordinates, vectors in 3 space, quadric surfaces, and cylindrical and spherical coordinates. Required for Utah Level 3 and 4 Math Endorsements. Successful completion fulfills prerequisite for MATH 2210, and Mathematics prerequisite for ENGR 2250, ENGR 2300, and PHYS 2210. Prerequisite: MATH 1210 (Grade C or higher).
FA, SP

MATH 1800  Mathematics Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

MATH 1810  Mathematics Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

MATH 1820  Mathematics Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SU

MATH 2010  Math for Elementary Teachers I 3.00 CR
The first course in a 2 semester sequence of mathematics appropriate to the needs of elementary and middle school teachers. Includes problem solving, sets, numeration systems, whole numbers, algorithms of arithmetic, number theory, rational numbers and decimal numbers. Required for Utah Elementary Education (Level 1) and Level 2 Math Endorsements. Prerequisite: MATH 1050 (Grade C or higher).
FA, SP

MATH 2020  Math for Elementary Teachers II 3.00 CR
The second course in a 2 semester sequence of mathematics appropriate to the needs of elementary and middle school teachers. Continuation of MATH 2010. Includes real numbers, statistics, probability, geometry, measurement, and algebra. Required for Utah Elementary Education (Level 1) and Level 2 Math Endorsements. Prerequisite: MATH 2010 (Grade C or better).
FA, SP, SU

MATH 2200  Discrete Mathematics 3.00 CR
Designed primarily for students majoring in Computer Science. Focuses on logic (including Boolean), set theory, functions, propositional calculus, graph theory, combinatorics, and counting methods. Prerequisite: MATH 1210 (Grade C or higher).
FA, SP

MATH 2210  Multivariable Calculus 3.00 CR
Fulfills General Education Mathematics requirement. Continuation of MATH 1220. Includes partial derivatives, gradient vectors, Lagrange multipliers, multiple integrals, line integrals, Green's Theorem, surface integrals, the Divergence Theorem, Stokes' Theorem, and the introduction of MathCAD Calculus. Prerequisite: MATH 1220 (Grade C or higher).
SP
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2270</td>
<td>Linear Algebra</td>
<td>3.00 CR</td>
<td>For Mathematics and pre Engineering majors. Covers matrix and vector analysis and systems of equations with applications, linear dependence and independence, matrix algebra and invertibility, determinants and their applications, Cramer's Rule, diagonalization, eigenvalues and eigenvectors, linear transformations (kernel and range), inner product, orthogonality, vector spaces and subspaces, including null and column and bases as well as introducing basic proof theory. Required for Utah Level 3 and 4 Math Endorsements. Prerequisite: MATH 1210 (Grade C or higher).</td>
</tr>
<tr>
<td>MATH 2280</td>
<td>Ordinary Differential Equation</td>
<td>3.00 CR</td>
<td>For Mathematics and pre Engineering majors. Covers methods of solving ordinary differential equations with applications: separation of variables, homogeneous and non homogeneous, exact, first and higher order, integrating factors, substitution methods, linear and non linear, complex characteristic roots, variation of parameters, undetermined coefficients (superposition and annihilator approach), and Euler Cauchy. Systems of equations, power series solutions, and the Laplace transform will be introduced. Required for Utah Level 4 Math Endorsement. Prerequisite: MATH 1220 (Grade C or higher).</td>
</tr>
<tr>
<td>MATH 2989</td>
<td>TI 89 Calculator Skills</td>
<td>1.00 CR</td>
<td>Designed to aid students in using the TI 89 (or similar) calculator through a study guide, demonstrations, and hands on experience. Covered features include basic computation, matrices, graphing, and calculus applications. Each student must own or have access to a TI 89, TI 92, or TI Voyage 200 calculator.</td>
</tr>
<tr>
<td>MATH 3000</td>
<td>History of Mathematics</td>
<td>3.00 CR</td>
<td>For all interested students. Brief survey of the history of mathematics and its impact on world culture, emphasizing the principal ideas of importance in the development of the mathematical motivations and applications. This course or MATH 3900 is required for Utah Level 4 Math Endorsement. Prerequisite: MATH 1220 (Grade C or higher).</td>
</tr>
<tr>
<td>MATH 3100</td>
<td>Euclidean / Non Euclidean Geometry</td>
<td>3.00 CR</td>
<td>For pre service Mathematics educators, but open to all interested students. Includes axiomatic development of Euclidean and non Euclidean geometry. Required for Utah Level 3 and 4 Math Endorsements. Prerequisite: MATH 2200 (Grade C or higher).</td>
</tr>
<tr>
<td>MATH 3200</td>
<td>Introduction to Analysis I</td>
<td>3.00 CR</td>
<td>For students interested in advanced Mathematics. Introduces the construction of rigorous proofs of mathematical claims in beginning analysis. Required for Utah Level 4 Math Endorsement. Prerequisite: MATH 2200 (Grade C or higher); AND MATH 2210 (Grade C or higher).</td>
</tr>
<tr>
<td>MATH 3210</td>
<td>Introduction to Analysis II</td>
<td>3.00 CR</td>
<td>Continuation of MATH 3200. Includes continuity, differentiation, chain rule, Riemann integration, Fubini's theorem, and change of variable formula. Prerequisite: MATH 3200.</td>
</tr>
<tr>
<td>MATH 3400</td>
<td>Probability &amp; Statistics</td>
<td>3.00 CR</td>
<td>For students in majors that require mathematics based statistics. Study of probability theory and mathematical statistics including applications. Required for Utah Level 3 and 4 Math Endorsements. Prerequisite: MATH 1220 (Grade C or higher).</td>
</tr>
<tr>
<td>MATH 3500</td>
<td>Numerical Analysis</td>
<td>3.00 CR</td>
<td>Includes numerical solutions of nonlinear equations, interpolation and approximation, numerical integration and differentiation, and solutions of linear systems, numerical solutions of ordinary and partial differential equations. Prerequisites: MATH 2270; AND MATH 2280.</td>
</tr>
<tr>
<td>MATH 3900</td>
<td>Number Theory</td>
<td>3.00 CR</td>
<td>Overview of number theory and its applications, including the integers, factorizations, modular arithmetic, congruencies, Fermat's and Euler's Theorems, diophantine equations, cryptography, and RSA algorithm. This course or MATH 3000 is required for Utah Level 4 Math Endorsement. Prerequisite: MATH 2200.</td>
</tr>
<tr>
<td>MATH 4000</td>
<td>Foundations of Algebra</td>
<td>3.00 CR</td>
<td>For students in all Math related majors. Covers an introduction to algebraic systems including group rings, fields and sets. Required for Utah Level 3 and 4 Math Endorsements. Prerequisite: MATH 2200.</td>
</tr>
<tr>
<td>MATH 4010</td>
<td>Abstract Algebra</td>
<td>3.00 CR</td>
<td>Continuation of MATH 4000. Topics include Sylow Theory for finite groups, Galois Theory, factorization in commutative rings. Prerequisite: MATH 4000.</td>
</tr>
<tr>
<td>MATH 4100</td>
<td>Introduction to Topology</td>
<td>3.00 CR</td>
<td>Overview of elementary point set topology. Includes topological spaces, compactness, connectedness, metric spaces, and Hausdorff spaces. Prerequisites: MATH 2200; AND MATH 2210.</td>
</tr>
<tr>
<td>MATH 4200</td>
<td>Intro to Complex Analysis</td>
<td>3.00 CR</td>
<td>Overview of basic theory and applications of complex variables, including analytic functions, contour integration, and conformal mappings. Prerequisite: MATH 3200.</td>
</tr>
<tr>
<td>MATH 4500</td>
<td>Methods Teach Secondary Math</td>
<td>3.00 CR</td>
<td>Designed for pre service educators, this course covers methods, remedial instruction, and curriculum development for secondary school mathematics, including applications of calculators and computers in mathematics. Required for Utah Level 2, 3, and 4 Math Endorsements. Prerequisite: MATH 1210 (Grade C or higher).</td>
</tr>
</tbody>
</table>
### MEDICAL RADIOGRAPHY (RADT)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Fee Required</th>
<th>Course Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADT 1015</td>
<td>Introduction to Radiography</td>
<td>4.00</td>
<td>SP</td>
<td>First semester course. Overview of the medical radiography profession and program, including medical terminology, radiation protection, radiographic equipment and basic patient care skills with emphasis on patient communication, age specific needs, and cultural diversity. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
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<td>SP</td>
</tr>
<tr>
<td>RADT 1020</td>
<td>Radiographic Procedures I</td>
<td>4.00</td>
<td>SP</td>
<td>First semester course. Instruction in how to perform radiographic procedures and identifying anatomy of the upper/lower extremities, chest and abdomen with emphasis on radiation protection, surface landmarks and pathology. Image analysis is introduced. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
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<td>SP</td>
</tr>
<tr>
<td>RADT 1025</td>
<td>Radiographic Procedures I Lab</td>
<td>0.00</td>
<td>SP</td>
<td>First semester course. Laboratory portion of RADT 1025. Lab fee required. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
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<td>SP</td>
</tr>
<tr>
<td>RADT 1030</td>
<td>Radiographic Imaging I</td>
<td>3.00</td>
<td>SP</td>
<td>First semester course. Analysis of factors affecting image quality, including density, contrast, detail, distortion, and technique formulations using radiographic imaging devices such as screens, films, grids, imaging plates, and beam limiting devices, as well as the introduction of digital imaging. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
<td></td>
<td>SP</td>
</tr>
<tr>
<td>RADT 1035</td>
<td>Radiographic Imaging I Lab</td>
<td>0.00</td>
<td>SP</td>
<td>First semester course. Lab portion of RADT 1030. Lab fee required. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
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<td>SP</td>
</tr>
<tr>
<td>RADT 1040</td>
<td>Clinical Education I</td>
<td>4.00</td>
<td>SP</td>
<td>First semester course. Students will apply theories and develop skills in a supervised setting through observation, assisting, and performing basic radiographic procedures on upper/lower extremities, chest, and abdomen. 144 clinical hours. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
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<td>SP</td>
</tr>
<tr>
<td>RADT 1120</td>
<td>Radiographic Procedures II</td>
<td>3.00</td>
<td>SU</td>
<td>Second semester course. Instruction in performing radiographic procedures and identifying anatomy of the vertebral column and bony thorax. Critical thinking and problem solving skills are encouraged through image analysis, positioning techniques, and pathology considerations. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
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<td>SU</td>
</tr>
<tr>
<td>RADT 1125</td>
<td>Radiologic Procedures II Lab</td>
<td>0.00</td>
<td>SU</td>
<td>Second semester course. Lab portion of RADT 1120.</td>
<td></td>
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<td>SU</td>
</tr>
<tr>
<td>RADT 1140</td>
<td>Clinical Education II</td>
<td>3.00</td>
<td>SU</td>
<td>Second semester course. Continuation of RADT 1040, providing students with the opportunity to apply theories and further develop technical skills, with emphasis placed on bony thorax, spine and image analysis. 135 clinical hours. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
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<td>SU</td>
</tr>
<tr>
<td>RADT 1220</td>
<td>Radiographic Procedures III</td>
<td>3.00</td>
<td>FA</td>
<td>Third semester course. Instruction in performing radiographic procedures and identifying anatomy of the genitourinary, gastrointestinal and biliary systems, skull and facial bones, as well as advanced mobile and surgical procedures, composition, and the use and effects of contrast media. Critical thinking and problem solving skills are encouraged through image analysis, positioning techniques, and pathology considerations. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
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<td></td>
<td>FA</td>
</tr>
<tr>
<td>RADT 1225</td>
<td>Radiographic Procedures III Lab</td>
<td>0.00</td>
<td>FA</td>
<td>Third semester course. Lab portion of RADT 1220. Lab fee required. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
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<td>FA</td>
</tr>
<tr>
<td>RADT 1230</td>
<td>Radiographic Imaging II</td>
<td>2.00</td>
<td>FA</td>
<td>Third semester course. Builds on the theories and concepts introduced in RADT 1030, emphasizing film processing, artifacts, sensitometry, quality assurance and quality control. Critical thinking and problem solving are encouraged through image analysis. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
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<td>FA</td>
</tr>
<tr>
<td>RADT 1240</td>
<td>Clinical Education III</td>
<td>7.00</td>
<td>FA</td>
<td>Third semester course. Continuation of RADT 1140, providing students with the opportunity to apply theories and further develop technical skills, with emphasis placed on skull, facial bones, gastrointestinal, and genitourinary procedures, and well as patient management specific to fluoroscopic and advanced radiographic procedures. 336 clinical hours. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
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<td>FA</td>
</tr>
<tr>
<td>RADT 1250</td>
<td>Advanced Patient Care</td>
<td>2.00</td>
<td>FA</td>
<td>Third semester course. Instruction in advanced patient care skills, including pharmacology and contrast administration for medical imaging, ethics and law, and mobile and surgical radiography. Prerequisite: Admission to the Dixie State College Medical Radiography program.</td>
<td></td>
<td></td>
<td>FA</td>
</tr>
<tr>
<td>RADT 2020</td>
<td>Advanced Medical Imaging</td>
<td>3.00</td>
<td>FA</td>
<td>Fourth semester course. Introduces additional imaging modalities and radiation therapy, including interventional radiography, sonography, CT,</td>
<td></td>
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<td>FA</td>
</tr>
</tbody>
</table>
Magnetic resonance imaging (MRI), mammography, and nuclear medicine.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

RADT 2030 Radiographic Physics 3.00 CR
Fourth semester course. In depth analysis of electrical circuitry, transformers, and rectifiers as they relate to x-ray production, as well as construction and function of the x-ray tube, fluoroscopic systems, video systems, AEC, and digital imaging.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

SP

RADT 2040 Clinical Education IV 7.00 CR
Fourth semester course. Continuation of RADT 1240 with emphasis on perfecting positioning skills, critical thinking, and effective time management, as well as equipment operation. Students will rotate through advanced modality areas as assigned by Clinical Coordinator. 336 clinical hours.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

SP

RADT 2140 Clinical Education V 5.00 CR
Fifth semester course. Continuation of RADT 2040 with emphasis on mastering all basic procedures and attaining experience in advanced procedures with further awareness of radiation protection requirements. 240 clinical hours.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

SU

RADT 2150 Radiobiology & Protection 2.00 CR
Fourth semester course. In depth analysis of ionizing radiation and its effects on matter, including early and late effects of radiation, dose limits, radiation monitoring, and limiting radiation exposure to patients and personnel.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

SP

RADT 2150 Radiobiology & Protection 2.00 CR
Fourth semester course. In depth analysis of ionizing radiation and its effects on matter, including early and late effects of radiation, dose limits, radiation monitoring, and limiting radiation exposure to patients and personnel.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

SP

RADT 2240 Clinical Education VI 7.00 CR
Sixth semester course. Continuation of RADT 2140 with emphasis on developing an autonomous approach to the diversity of clinical situations and successfully adapting to them. Extended advanced modality rotations may be arranged following established guidelines and at the discretion of the Clinical Coordinator. 336 clinical hours.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

FA

RADT 2260 Radiography Seminar 3.00 CR
Sixth semester course. Capstone course that offers review and reflection on previous coursework, providing students with a meaningful approach to evaluate strengths and weaknesses and to prepare for credentialing exams and employment.
Prerequisite: Admission to the Dixie State College Medical Radiography program.

FA

MILITARY SCIENCE (MILS)

MILS 1200 Introduction to Leadership I 1.00 CR
For Army ROTC cadets and other interested students. Introduces the personal challenges and competencies critical to effective leadership, including how the development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officerhip, and the Army profession. Focuses on developing basic knowledge and comprehension of Army leadership learning about the ROTC program, its purpose in the Army, and its advantages for the student.
Corequisite: MILS 1201.

FA

MILS 1201 Intro to Leadership I Lab 1.00 CR
For Army ROTC cadets and other interested students. Cover dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 1202.

FA

MILS 1202 Military Fitness I 1.00 CR
For Army ROTC cadets and other interested students. Uses Army Physical Fitness Test to evaluate performance and improvement in flexibility, strength, and endurance. Also includes foot care and road marching techniques.
Corequisite: MILS 1200.

MILS 1210 Intro to Leadership II 1.00 CR
For Army ROTC cadets and other interested students. Covers leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills while exploring leadership values, attributes, skills, and actions in the context of practical, hands on, and interactive exercises. Cadre role models and the building of stronger relationships among the cadets through common experience and practical interaction are critical.
Corequisite: MILS 1211.

SP

MILS 1211 Intro to Leadership II Lab 1.00 CR
For Army ROTC cadets and other interested students. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 1212.

SP

MILS 1212 Military Fitness II 1.00 CR
For Army ROTC cadets and other interested students. Covers leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills while exploring leadership values, attributes, skills, and actions in the context of practical, hands on, and interactive exercises. Cadre role models and the building of stronger relationships among the cadets through common experience and practical interaction are critical.
Corequisite: MILS 1210.

SP

MILS 1220 Foundations of Leadership I 2.00 CR
For Army ROTC cadets and other interested students. Covers creative
and innovative tactical leadership strategies and styles; personal motivation and team building in planning, executing, and assessing team exercises and participating in leadership labs in order to further develop leadership values and attributes through an understanding of Army rank, structure, and duties and basic aspects of land navigation and squad tactics, as well as learning the Soldiers Creed and Warrior Ethos as they apply in the contemporary operating environment.

Corequisite: MILS 2201.

FA

MILS 2201 Foundations Leadership I Lab 1.00 CR
For Army ROTC cadets and other interested students. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 2200.

FA

MILS 2210 Foundations Leadership II 2.00 CR
For Army ROTC cadets and other interested students. Covers the challenges of leading tactical teams in the contemporary operating environment, including terrain analysis, patrolling, and operation orders. Develops greater self-awareness of leadership styles and improved communication and team building skills while practicing of teamwork and tactics in real world scenarios.
Corequisite: MILS 2211.

SP

MILS 2211 Foundations Leadership II Lab 1.00 CR
For Army ROTC cadets and other interested students. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 2210.

FA

MILS 3200 Tactical Leadership 3.00 CR
For Army ROTC cadets. Develops adaptive and tactical leadership abilities through challenging scenarios of squad tactical operations and feedback in order to improve leadership skills and critical thinking abilities. Basic training or summer Leadership Training Course may be substituted for prerequisites.
Prerequisites: MILS 1200; AND MILS 1210; AND MILS 2200; AND MILS 2210. Corequisite: MILS 3201.

FA

MILS 3201 Tactical Leadership Lab 1.00 CR
For Army ROTC cadets. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 3200.

FA

MILS 3210 Applied Leadership 3.00 CR
For Army ROTC cadets. Includes increasingly intense situational leadership challenges to build skills in leadership, decision making, and persuading and motivating team members, as well as application of Law of Land Warfare, Army training, to troop motivation procedures, and conducting military briefings and developing proficiency in Garrison operations. Basic training, summer Leadership Training Course, or Instructor permission may be substituted for prerequisites.
Prerequisites: MILS 1200; AND MILS 1210; AND MILS 2200; AND MILS 2210. Corequisite: MILS 3211.

SP

MILS 3211 Applied Leadership Lab 1.00 CR
For Army ROTC cadets. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 3210.

SP

MILS 3250 Staff Org & Operations 1.00 – 3.00 CR
For enrolled Army ROTC cadets. Students participate as special project staff working on joint Army/campus ceremonies, leadership labs, field training exercises, community service events, and training camps, spending at least 2 hours per week for each credit.
Variable credit: 1.0 – 3.0. Repeatable up to 3 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

MILS 3930 U.S. Military History 3.00 CR
For Army ROTC cadets and other interested students. Survey of the development of the U.S. military to the present day including organizational, tactical, technological, and strategic aspects, with an emphasis on the casual factors and operational dimensions of war. Combined lecture / lab hours.
Course fee required.
FA, SP

MILS 4200 Developmental Leadership 3.00 CR
For Army ROTC cadets. Covers planning, executing, and assessing complex operations, functioning as a member of a staff, providing performance feedback to subordinates, assessing risk, making ethical decisions, and leading fellow ROTC cadets. Includes lessons on military justice; personnel processes; analysis, evaluation, and instruction of lower level cadets; identifying responsibilities of key staff; coordinating staff roles; and using situational opportunities to teach, train, and develop subordinates. Basic training or summer Leadership Training Course may be substituted for prerequisites.
Prerequisites: MILS 1200; AND MILS 1210; AND MILS 2200; AND MILS 2210. Corequisite: MILS 4201.

FA, SP

MILS 4201 Developmental Leadership Lab 1.00 CR
For Army ROTC cadets. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 4200.

FA, SP

MILS 4210 Adaptive Leadership 3.00 CR
For Army ROTC cadets. Covers dynamics of leading in complex military operations in the contemporary operating environment, including customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism, as well as interacting with nongovernmental organizations, civilians on the battlefield, and host nation support, using case studies, scenarios, and exercises to prepare cadets to face the complex ethical and practical demands of leading
as commissioned officers in the United States Army.
Prerequisites: MILS 1200; AND MILS 1210; AND MILS 2200; AND MILS 2210. Corequisite: MILS 4211.
SP

MILS 4211 Adaptive Leadership Lab 1.00 CR
For Army ROTC cadets. Covers dynamics of group and individual leadership in a field environment, including opportunities to apply leadership principles and techniques in challenging situations to further prepare them for leadership positions in the military or other career.
Lab fee required. Corequisite: MILS 4210.
SP

MILS 4250 Ranger Preparation 2.00 CR
For Army ROTC cadets. Participation in advanced military training with practical application of skills in Army ROTC Ranger Challenge and Mountain Ranger programs.
Prerequisites: MILS 4210; AND Instructor permission.
SP

MILS 4350 Special Project 2.00 CR
For enrolled Army ROTC cadets. Students participate as special project staff working on joint Army/campus ceremonies, leadership labs, field training exercises, community service events, and training camps. Basic training or summer Leadership Training Course may be substituted for prerequisites.
Prerequisites: MILS 1200; AND MILS 1210; AND MILS 2200; AND MILS 2210.
SP

MUSIC (MUSC)

MUSC 1000 Concert Attendance 0.00 CR
Required of Music majors. Emphasizes critical listening of a wide range of music literature and performances through attendance at a minimum of 8 concerts/recitals per semester. Prepares students with models for future recitals. Requires attendance at evening performances.
Repeatable with no limit.
FA, SP

MUSC 1001 Freshman Music Experience 1.00 CR
A First Year Experience course that introduces students to the music department and its programs, policies and procedures, curriculum, and career opportunities for graduates. Includes observation outside class.
Introduces music technology required for later work. Assignments may include group projects, technology exercises, and reflective essays / journals. Students will understand the expectations and rigor of the music major.
FA

MUSC 1010 Introduction to Music 3.00 CR
Fulfills General Education Fine Arts requirement. An introductory survey of the elements, style periods, and standard repertoire of Western traditional art music. Emphasis given to improving the student's listening skills. Includes lecture, demonstration, and discussion of representative musical examples and historical background on composers and musical genres. Assignments may include attendance at specific concerts, written projects, and individual listening. Students who successfully complete this course will gain a broader knowledge of musical elements and how they are characteristically used in each major style period, along with developing better listening skills through perception, understanding, and practice.
FA, SP

MUSC 1100 Fundamentals of Music 3.00 CR
For students beginning their music education or needing a developmental course in preparation for Music Theory. Teaches fundamental music terminology, rhythm and clef reading, key signatures, intervals, chord construction, and principles of musical structure. Students who successfully complete this course will be more proficient in reading rhythm and meter, writing and hearing scales, intervals, and chords.
FA, SP

MUSC 1110 Music Theory I 3.00 CR
Required of all Music majors. The first course of music theory study deals with structural elements in melodic organization, triads, voice leading, nonharmonic tones, seventh chords, and modulation in the context of traditional four part harmony as well as two part tonal counterpoint. Students must have knowledge of music fundamentals and basic keyboard skills before enrolling. Successful completers are prepared for MUSC 1120.
Corequisite: MUSC 1130.
FA

MUSC 1120 Music Theory II 3.00 CR
Required of all Music majors. The first course of music theory study deals with structural elements in melodic organization, triads, voice leading, nonharmonic tones, seventh chords, and modulation in the context of traditional four part harmony as well as two part tonal counterpoint. Students must have knowledge of music fundamentals and basic keyboard skills before enrolling. Successful completers are prepared for MUSC 1120.
Corequisite: MUSC 1130.
FA

MUSC 1130 Ear Training & Sight Singing I 1.00 CR
Required of all Music majors. The first in a series of four ear training and sight singing courses dealing with aural and sight singing skills that parallel the theoretical material of Music Theory. Simple keyboard skills are necessary.
Corequisite: MUSC 1110.
FA

MUSC 1140 Ear Training/Sight Singing II 1.00 CR
Required of all Music majors. The second in a series of four ear training and sight singing courses dealing with aural and sight singing skills that parallel the theoretical material of Music Theory. Simple keyboard skills necessary.
Prerequisite: MUSC 1130. Corequisite: MUSC 1120.
SP

MUSC 1150 Group Piano Instruction I 1.00 CR
For non Music majors and non keyboard Music majors. Prepares Music majors for Piano Proficiency Exam. Introduction to reading music: treble and bass clef, proper piano technique, basic rhythm, music notation and elementary theory, including demonstrations, activities, opportunities for improvisation, individualized instruction, and solo and ensemble experience using electronic keyboards.
Repeatable up to 2 credits subject to graduation restrictions.
FA, SP

MUSC 1160 Group Piano Instruction II 1.00 CR
For non music majors and non keyboard music majors. Prepares Music majors for Piano Proficiency Exam. Introduction to piano technique, music notation, elementary theory, reading, harmonization and transposition. Lab includes demonstrations, activities, opportunities for improv-
isation, individualized instruction and solo and ensemble experience using electronic keyboards. Prepares students to harmonize major and minor melodies, play major and minor scales, primary chords and arpeggios, sight read, and perform repertoire.
Repeatable up to 2 credits subject to graduation restrictions. Prerequisite: MUSC 1150.
FA, SP

MUSC 1200 Show Choir 1.00 CR
Open to all students. Audition required. Students learn performance skills in music and movement. Covers musical elements such as rhythm, pitch, blend and balance. Uses choral rehearsals techniques. Requires time for performance outside class, including evenings and weekends. Audition required.
Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

MUSC 1320 Varsity Band 1.00 CR
A performing ensemble for any interested instrumental musician who has previous experience in high school bands or the equivalent. Teaches the fundamentals of good ensemble playing through "Pop" band music and class participation. Required to perform at all home football and basketball games. Students may be remunerated for their service in this ensemble. No audition required.
Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission. Co requisite: MUSC 3310.
FA, SP

MUSC 1730 Vocal Study 1.00 CR
Required of students pursuing an Instrumental Music Education major. Fulfills music elective credit for other music degree emphases. Covers the history of voice performance and pedagogy as well as potential methodologies to use in public school curriculum. Classes will consist of lecture, singing (solo and ensemble), and assembling materials for future reference. Course objectives include mastering basic voice techniques and application. Successful completers should be qualified to identify and remedy voice performance errors in grade 7 to 12 music.
Offered based of sufficient student need.

MUSC 1740 Percussion Study 1.00 CR
Required of students pursuing an Instrumental Music Education major. Fulfills music elective credit for other music degree emphases. Covers the history of percussion instruments and their pedagogy and performance as well as potential methodologies to use in public school curriculum. Classes will consist of lecture, hands on playing, and assembling materials for future reference. Course objectives include mastering basic percussion stroke and applying it to various instruments and utilizing techniques and proper stick/mallet to produce desired timbres. Successful completers should be qualified to identify and remedy percussion playing performance errors in grade 7 to 12 music.
SP (Odd years)

MUSC 1750 String Study 1.00 CR
Required of students pursuing an Instrumental Music Education major. Fulfills music elective credit for other music degree emphases. Covers the history of string instruments and their pedagogy and performance as well as potential methodologies to use in public school curriculum. Classes will consist of lecture, hands on playing, and assembling materials for future reference. Course objectives include mastery of right and left hand techniques for string instruments. Successful completers should be qualified to identify and remedy string playing performance errors in grade 7 to 12 music.
SP (Even years)

MUSC 1760 Brass Study 1.00 CR
Required of students pursuing an Instrumental Music Education major. Fulfills music elective credit for other music degree emphases. Covers the history of brass instruments and their pedagogy and performance as well as potential methodologies to use in public school curriculum. Classes will consist of lecture, hands on playing, and assembling materials for future reference. Course objectives include mastering embouchures and fingerings for varied brass instruments. Successful completers should be qualified to identify and remedy string playing performance errors in grade 7 to 12 music.
FA (Odd years)

MUSC 1770 Woodwind Study 1.00 CR
Required of students pursuing an Instrumental Music Education major. Fulfills music elective credit for other music degree emphases. Covers the history of string instruments and their pedagogy and performance as well as potential methodologies to use in public school curriculum. Classes will consist of lecture, hands on playing, and assembling materials for future reference. Course objectives include mastering embouchures and fingerings for varied woodwind instruments. Successful completers should be qualified to identify and remedy string playing performance errors in grade 7 to 12 music.
FA (Even years)

MUSC 1790 Beginning Guitar 1.00 CR
For all students interested in an introduction to guitar playing. Teaches students to play chords, strum and fingerpick patterns, and read music in first position using lecture, text, and guest lecturers. Students are required to practice at least three hours each week outside of class. Students who successfully complete this course will be able to teach themselves from standard sheet music.
Repeatable up to 2 credits subject to graduation restrictions.
FA, SP

MUSC 1800 Intermediate Guitar 1.00 CR
For students with basic guitar skills. Students should be familiar with first position chords, basic accompaniment styles and read music in first position before taking this course. Teaches students bar chords, chords with added bass notes, advanced accompaniment, improvisation, arranging skills and reading in upper positions. Students who successfully complete this course will have a thorough knowledge of the guitar fingerboard.
Repeatable up to 2 credits subject to graduation restrictions.
FA, SP

MUSC 1801 Prvt Lesson I NonMajor Vocal 1.00 CR
Private music instruction for non music majors seeking to increase skills in vocal performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1802 Prvt Lesson I NonMajor Piano 1.00 CR
Private music instruction for non music majors seeking to increase skills in piano performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP
MUSC 1803 Private Lesson I NonMajor Brass 1.00 CR
Private music instruction for non music majors seeking to increase skills in brass performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1804 Private Lesson I NonMajor String 1.00 CR
Private music instruction for non music majors seeking to increase skills in violin, viola, cello, or bass performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1805 Private Lesson I NonMajor Wind 1.00 CR
Private music instruction for non music majors seeking to increase skills in woodwind performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1806 Private Lesson I NonMajor Guitar 1.00 CR
Private music instruction for non music majors seeking to increase skills in guitar performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1807 Private Lesson I NonMajor Organ 1.00 CR
Private music instruction for non music majors seeking to increase skills in organ performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1808 Private Lesson I NonMajor Percuss 1.00 CR
Private music instruction for non music majors seeking to increase skills in percussion performance.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1810 Private Lesson I Major: Vocal 1.00 CR
Private vocal instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1811 Private Lesson I Major: Piano 1.00 CR
Private piano instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1812 Private Lesson I Major: Brass 1.00 CR
Private brass instruction for music majors. Participation in departmental recitals and a final jury examination is required. 750 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1813 Private Lesson I Major: String 1.00 CR
Private string instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1814 Private Lesson I Major: Woodwind 1.00 CR
Private woodwind instruction for music majors. One public performance each semester and a final jury examination is required. 50 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1815 Private Lesson I Major: Guitar 1.00 CR
Private guitar instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1816 Private Lesson I Major: Organ 1.00 CR
Private organ instruction for music majors. Participation in departmental recitals and a final jury examination is required. 750 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 1821 Private Lesson I Major Percussion 1.00 CR
Private percussion instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee required.
FA, SP

MUSC 2110 Music Theory III 3.00 CR
Required of all Music majors. Third in a series of four Music Theory classes. Includes the study of chromatic harmony, 16th and 18th century counterpoint, 20th century compositional techniques, formal and harmonic analysis.
Prerequisite: MUS 1120. Corequisite: MUSC 2130.
FA

MUSC 2120 Music Theory IV 3.00 CR
Required of all Music majors. Fourth and final course in Music Theory. Includes the study of chromatic harmony, 16th and 18th century counterpoint, 20th century compositional techniques, formal and harmonic analysis.
Prerequisite: MUSC 2110. Corequisite: MUSC 2140.
SP
MUSC 2130 Ear Training/Sight Singing III 1.00 CR
Required of all Music majors. The third of four courses in a series of ear training and sight singing courses dealing with aural and sight singing skills that parallel the theoretical material of Music Theory. Simple keyboard skills necessary. Prerequisite: MUSC 1810. Corequisite: MUSC 2110. FA

MUSC 2140 Ear Training/Sight Singing IV 1.00 CR
Required of all Music majors. The fourth and final course in ear training and sight singing courses dealing with aural and sight singing skills that parallel the theoretical material of Music Theory. Simple keyboard skills necessary. Prerequisite: MUSC 1814. Corequisite: MUSC 2120. SP

MUSC 2150 Group Piano Instruction III 1.00 CR
For non Music majors and non keyboard music majors. Prepares Music majors for Piano Proficiency Exam, which includes piano technique, sight reading, accompanying, improvisation, transposition, and performance skills using electronic keyboards. Repeatable up to 2 credits subject to graduation restrictions. Prerequisite: MUSC 1160. FA, SP

MUSC 2160 Group Piano Instruction IV 1.00 CR
For non Music majors and non keyboard music majors. Prepares Music majors for Piano Proficiency Exam, which includes piano technique, sight reading, accompanying, improvisation, transposition, and performance skills using electronic keyboards. Repeatable up to 2 credits subject to graduation restrictions. Prerequisite: MUSC 2150. FA, SP

MUSC 2350 Fundamentals of Conducting 2.00 CR
Required of all Music majors, but open to other students with an interest in ensemble conducting. Covers the fundamental aspects of conducting choral and/or instrumental groups. Topics include: basic patterns, cueing, use of the left hand, offbeat entrances, fermatas, caesuras, tenuto, dynamics. Students are involved in conducting the class both as conductor and ensemble member. Concert attendance for purposes of viewing other conductors is required. Students must have some background in vocal or instrumental ensembles and be able to read music. Students who successfully complete this course will have improved ability to conduct choral and/or instrumental music. SP (Even years)

MUSC 2710 Theatre Orchestra 1.00 CR
For students participating as musicians for the pit orchestra. Accompanies the musical productions of the DSC Theatre program. Student musicians work closely with their conductor in developing score dynamics, tempo and tone to accompany on stage performances. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA, SP

MUSC 2810 Private Lesson II Major: Vocal 1.00 CR
Private vocal instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1810. FA, SP

MUSC 2811 Private Lesson II Major: Piano 1.00 CR
Private piano instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Course may be repeated once for a maximum of 2 credits. Course fee required. Prerequisite: MUSC 1811. FA, SP

MUSC 2812 Private Lesson II Major: Brass 1.00 CR
Private brass instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1812. FA, SP

MUSC 2813 Pvt Lesson II Major: String 1.00 CR
Private string instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1813. FA, SP

MUSC 2814 Pvt Lesson II Major Woodwind 1.00 CR
Private woodwind instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1814. FA, SP

MUSC 2815 Pvt Lesson II Major: Guitar 1.00 CR
Private guitar instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1815. FA, SP

MUSC 2816 Private Lesson II Major: Organ 1.00 CR
Private organ instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1816. FA, SP

MUSC 2821 PrvtLesson II Major Percussion 1.00 CR
Private percussion instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1821. FA, SP

MUSC 3210 Vocal Theatre Performance 1.00 CR
For students participating as vocal performers in musical productions of the DSC Theatre program. Student vocalists and chorus members work closely with their conductor in developing on stage performances. Repeatable up to 4 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA, SP
MUSC 3221 Choral Literature 2.00 CR
Study of choral music, both sacred and secular, from antiquity through 20th Century; the relationship of world music to the choral genre; current composers and appreciation of their works; and arranging for non-traditional choirs.
SP (Even years)

MUSC 3222 Choral Conducting 2.00 CR
In depth study and development of conducting practices specific to choral music within the five major musical periods, including unaccompanied, keyboard accompanied, and orchestral/choral works as well as examples from world music. Students will complete an in depth analysis of a choral work.
SP (Odd years)

MUSC 3230 Southwest Chorale 1.00 CR
Large choral ensemble, composed primarily of community members interested in musical enrichment, that frequently performs with the Southwest Symphony Orchestra. Students selected by audition will actively participate in regular rehearsals and public performances and thereby develop advanced concepts of good choral singing, including balance, blend, intonation, tone, and interpretation while experiencing a wide variety of musical styles from the Renaissance to the twentieth century (classical and popular styles) with an emphasis on major choral and orchestral works. Audition required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

MUSC 3240 Southern Utah Heritage Choir 1.00 CR
Large choral ensemble composed primarily of community members interested in performing sacred choral music. Students selected by audition will actively participate in regular rehearsals and public performances and thereby develop advanced concepts of good choral singing, including balance, blend, intonation, tone, and interpretation while experiencing music from various styles, periods and geographical locations. Audition required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

MUSC 3250 Concert Choir 1.00 CR
Large choral performing ensemble open to students interested in musical enrichment as well as students pursuing a Music major. The student will develop advanced concepts of good choral singing including balance, blend, intonation, tone, and interpretation while experiencing a wide variety of musical styles from the Renaissance to the twentieth century (classical and popular styles). Students will actively participate in regular rehearsals and public performances. No audition required. Repeatable up to 8 credits subject to graduation restrictions.
FA, SP

MUSC 3260 Men's Chorus 1.00 CR
Male students with advanced choral music experience who are selected for this ensemble will develop singing skills through rehearsals and performances of appropriate musical literature from Medieval to vocal jazz. No audition required. Repeatable up to 8 credits subject to graduation restrictions.
FA, SP

MUSC 3270 Chamber Singers 1.00 CR
Students with advanced choral music experience who are selected for this small ensemble will develop advanced concepts of good choral singing including balance, blend, intonation, tone and interpretation through appropriate small ensemble literature from the Renaissance to the twentieth century (classical and popular styles) through active participation in regular rehearsals and public performances. Audition required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

MUSC 3280 Women's Chorus 1.00 CR
Female students with advanced choral music experience who are selected for this ensemble will develop singing skills through rehearsals and performances of appropriate musical literature from Medieval to vocal jazz. No audition required. Repeatable up to 8 credits subject to graduation restrictions.
FA, SP

MUSC 3290 The Vocal Jazz Project 1.00 CR
Students with advanced choral music experience who are selected for this small choral ensemble will demonstrate their dedication to the study and performance of vocal jazz literature by developing advanced concepts of good choral singing including balance, blend, intonation, tone, and interpretation through appropriate small ensemble vocal jazz literature. Students will actively participate in regular rehearsals and public performances. No audition required. Repeatable up to 8 credits subject to graduation restrictions.
FA, SP

MUSC 3310 Symphony Band 1.00 CR
Large instrumental performing ensemble open to students interested in musical enrichment as well as students pursuing a Music major. Students will practice their instruments while working on the fundamentals of ensemble playing (tone quality, balance, blend, dynamics, etc.) as well as the more advanced concepts of good musicianship (rasing, rhythms, sight reading, interpretation, etc.). This course also exposes the student to the standard band repertoire as well as the more recent and contemporary literature. Students will actively participate in regular rehearsals and public performances. No audition required. Repeatable up to 8 credits subject to graduation restrictions.
FA, SP

MUSC 3330 Jazz Ensemble 1.00 CR
Students with previous experience in jazz and improvisation who are selected for this instrumental ensemble will study various styles of music, including swing, Latin, rock, and ballads, through the medium of the "big band" (5 saxophones, 5 trumpets, 5 trombones, piano, bass drums, and guitar) using sight reading, improvisation, and performance. Students will actively participate in regular rehearsals and public performances. Audition required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission. Corequisite: MUSC 3310.
FA, SP

MUSC 3340 Southwest Symphony Orchestra 1.00 CR
Students and community performers who are accomplished on their instrument, studying privately, and have previous orchestral experience may participate in this full symphony orchestra performing symphonies, oratorios, concertos, overtures, etc., from various style periods, including Baroque, Classic, Romantic, and Twentieth Century. Audition required.
Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission. Corequisite: MUSC 3310.
FA, SP

MUSC 3350 Symphony Orchestra 1.00 CR
Performing ensemble for all interested student musicians with previous instrumental orchestra or band experience, including woodwinds, brass, strings, and percussion. Students will develop sight reading, rehearsal, and public performance skills as well as knowledge of and appreciation of the symphonic literature of the 16th, 17th, 18th, 19th, and 20th century composers. No audition required. Repeatable up to 8 credits subject to graduation restrictions.
FA, SP

MUSC 3370 Guitar Ensemble 1.00 CR
Performing ensemble for selected students who can read music and know 1st position guitar chords. Those selected will gain experience in an ensemble, reading music and rhythms, and following a director. Audition required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission.

MUSC 3380 Instrumental Conducting 2.00 CR
For Music and Music Education majors, instruction in conducting instrumental groups, including gaining independence of hands, uncommon meters, use of imagery, score preparation with both reduced and full scores, and basic understanding of transposition. Students are involved in conducting the class conductors and ensemble members. Concert attendance for purposes of viewing other conductors is required. Prerequisite: MUSC 2350.
SP (Odd years)

MUSC 3400 Music Composition 2.00 CR
For students pursuing a Music degree to improve and refine music writing skills within the Western Art Music tradition. Writing assignments, additional listening and score study, and seminars focusing on topics in modern composition are combined. Prerequisite: MUSC 2110.
FA, SP

MUSC 3630 Music History & Literature I 3.00 CR
Required of all students pursuing Music majors, and open to other interested students. A survey of western music from Antiquity through the Baroque periods, including world music, in depth studies of composers, styles, genres, and visual art and social influences, as well as reinforcement of music theory, aural skills, and pedagogy.
FA

MUSC 3640 Music History & Literature II 3.00 CR
Required of all students pursuing Music majors, and open to other interested students. A survey of western music from the Classical through the 20th century periods, including world music, in depth studies of composers, styles, genres, and visual art and social influences, as well as reinforcement of music theory, aural skills, and pedagogy.
SP

MUSC 3801 Prvt Lesson II NonMajor Vocal 1.00 CR
Private music instruction for non music majors seeking to increase skills in vocal performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1801.
FA, SP

MUSC 3802 Prvt LessonII NonMajor Piano 1.00 CR
Private music instruction for non music majors seeking to increase skills in piano performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1802.
FA, SP

MUSC 3803 Prvt Lesson II NonMajor Brass 1.00 CR
Private music instruction for non music majors seeking to increase skills in brass performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1803.
FA, SP

MUSC 3804 Prvt Lesson II NonMajor String 1.00 CR
Private music instruction for non music majors seeking to increase skills in violin, viola, cello, or bass performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1804.
FA, SP

MUSC 3805 Prvt LessonII NonMajor Woodwind 1.00 CR
Private music instruction for non music majors seeking to increase skills in woodwind performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1805.
FA, SP

MUSC 3806 Prvt Lesson II NonMajor Guitar 1.00 CR
Private music instruction for non music majors seeking to increase skills in guitar performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1806.
FA, SP

MUSC 3807 Prvt Lesson II NonMajor Organ 1.00 CR
Private music instruction for non music majors seeking to increase skills in organ performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1807.
FA, SP

MUSC 3808 Prvt LessonII NonMajor Percuss 1.00 CR
Private music instruction for non music majors seeking to increase skills in percussion performance. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 1808.
FA, SP

MUSC 3810 Prvt Lesson III Major: Vocal 1.00 CR
Private vocal instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2810.
FA, SP

MUSC 3811 Prvt Lesson III Major: Piano 1.00 CR
Private piano instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2811.
FA, SP
MUSC 3812 Prvt Lesson III Major: Brass 1.00 CR
Private brass instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2812.
FA, SP

MUSC 3813 Prvt Lesson III Major: String 1.00 CR
Private string instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2813.
FA, SP

MUSC 3814 Prvt Lesson III Major: Woodwind 1.00 CR
Private woodwind instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2814.
FA, SP

MUSC 3815 Prvt Lesson III Major: Guitar 1.00 CR
Private guitar instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2815.
FA, SP

MUSC 3816 Prvt Lesson III Major: Organ 1.00 CR
Private organ instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2816.
FA, SP

MUSC 3821 Prvt Lesson III Maj Percussion 1.00 CR
Private percussion instruction for music majors. Participation in departmental recitals and a final jury examination is required. 50 minute lesson and one hour performance class per week. Repeatable up to 2 credits subject to graduation restrictions. Course fee required. Prerequisite: MUSC 2821.
FA, SP

MUSC 3861 Diction for Singers II 2.00 CR
For vocal students interested in learning International Phonetic Alphabet and the fundamentals of the proper pronunciation of French and German diction as it applies to singing. Students will learn via written and verbal assignments as well as singing in class. This course prepares successful completers for the proper performance of French and German vocal literature. Prerequisite: MUSC 3860.
SP (Odd years)

MUSC 3862 Diction for Singers II 2.00 CR
For vocal students interested in learning International Phonetic Alphabet and the fundamentals of the proper pronunciation of French and German diction as it applies to singing. Students will learn via written and verbal assignments as well as singing in class. This course prepares successful completers for the proper performance of French and German vocal literature. Prerequisite: MUSC 3861.
SP (Odd years)

MUSC 3865 Piano Pedagogy I 2.00 CR
For students pursuing a Music major and piano teachers who wish to improve their skills. Designed to prepare qualified pianists to teach piano effectively and to acquaint them with new materials and techniques from beginning to intermediate levels. Principles taught include rhythm, technique, sight reading, harmonization, improvisation, transposition, music technology, practice skills, private and group lesson pedagogies, and learning styles. Prerequisite: MUSC 3865.
FA (Even years)

MUSC 3866 Piano Pedagogy II 2.00 CR
For students pursuing a Music major and piano teachers who wish to improve their skills. Designed to prepare qualified pianists to teach piano effectively and to acquaint them with new materials and techniques from the intermediate levels of piano instruction. Principles taught include: rhythm, technique, sight reading, harmonization, improvisation, transposition, music technology, practice skills, private and group lesson pedagogies, and learning styles. Prerequisite: MUSC 3866.
SP (Odd years)

MUSC 4430 String Chamber Music 1.00 CR
For string musicians desiring study in instrumental chamber ensembles such as string trios, quartets, quintets, and sextets. Emphasis on basic repertoire, small ensemble performance techniques, and rehearsal skills. Students should be concurrently enrolled in private string lessons. Groups are required to meet two hours each week: one hour for rehearsal as an ensemble and one hour with faculty for a coaching lesson. Public performances required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission. Corequisite: MUSC 3350.
FA, SP

MUSC 4431 Woodwind Chamber Music 1.00 CR
For woodwind musicians seeking small ensemble performance experience stressing the elements of good performance preparation: intonation, balance, blend, and tone production in a constant effort to increase musicality while surveying a wide range of repertoire in order to gain awareness of small ensemble performance techniques, and rehearsal skills. Groups are required to meet two hours each week: one hour for rehearsal as an ensemble and one hour with faculty for a coaching lesson. Public performances required. Repeatable up to 8 credits subject to graduation restrictions. Prerequisite: Instructor permission. Corequisite: MUSC 3310.
FA, SP
MUSC 4432  Brass Chamber Music  1.00 CR
For brass musicians seeking a small ensemble performance experience
stressing the elements of good performance preparation: intonation, bal-
ance, blend, and tone production in a constant effort to increase musical-
ity while surveying a wide range of repertoire in order to gain awareness
of small ensemble performance techniques, and rehearsal skills.
Groups are required to meet two hours each week: one hour for re-
hearsal as an ensemble and one hour with faculty for a coaching lesson.
Public performances required.
Repeatable up to 8 credits subject to graduation restrictions. Prerequi-
site: Instructor permission. Corequisite: MUSC 3310.
FA, SP

MUSC 4433  Piano Ensemble & Accompanying  1.00 CR
For pianists seeking experience in a small ensemble and in accompany-
ing vocal and instrumental literature while learning basic repertoire, im-
proving small ensemble performance, rehearsal skills, and sight reading.
Groups are required to meet two hours each week: one hour for re-
hearsal as an ensemble and one hour with faculty for a coaching lesson.
Public performances required.
Repeatable up to 8 credits subject to graduation restrictions. Prerequi-
site: Instructor permission.
FA, SP

MUSC 4485  Percussion Ensemble  1.00 CR
For percussionists seeking a small ensemble performance experience
stress the elements of good performance preparation: intonation, bal-
ance, blend, and tone production in a constant effort to increase musical-
ity while surveying a wide range of repertoire in order to gain awareness
of small ensemble performance techniques, and rehearsal skills.
Groups are required to meet two hours each week: one hour for re-
hearsal as an ensemble and one hour with faculty for a coaching lesson.
Public performances required.
Repeatable up to 8 credits subject to graduation restrictions. Prerequi-
site: Instructor permission. Corequisite: MUSC 3310.
FA, SP

MUSC 4700  Choral Music Methods  3.00 CR
Required of Music majors pursuing an emphasis in Music Education
preparing to work with choral groups. Objectives include methods of
organization, administration, and instruction relative to secondary choral
music programs (grades 7 – 12) using small group work, reflective es-
says, in class participation, tests, out of class projects, and observation.
Prerequisite: Instructor permission.
FA (Even years)

MUSC 4710  Instrumental Music Methods  3.00 CR
Required of Music majors pursuing an emphasis in Music Education
preparing to work with instrumental groups. Objectives include methods of
organization, administration, and instruction relative to secondary instru-
mental music programs (grades 7 – 12) using small group work, reflective
essays, in class participation, tests, out of class projects, and observation.
Prerequisite: Instructor permission.
FA (Even years)

MUSC 4810  Prvt Lesson IV Major: Vocal  1.00 CR
Private vocal instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee
required. Prerequisite: MUSC 3810.
FA, SP

MUSC 4811  Prvt Lesson IV Major: Piano  1.00 CR
Private piano instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee
required. Prerequisite: MUSC 3811.
FA, SP

MUSC 4812  Prvt Lesson IV Major: Brass  1.00 CR
Private brass instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee
required. Prerequisite: MUSC 3812.
FA, SP

MUSC 4813  Prvt Lesson IV Major: String  1.00 CR
Private string instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee
required. Prerequisite: MUSC 3813.
FA, SP

MUSC 4814  Prvt Lesson IV Major: Woodwind  1.00 CR
Private woodwind instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee
required. Prerequisite: MUSC 3814.
FA, SP

MUSC 4815  Prvt Lesson III Major: Guitar  1.00 CR
Private guitar instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week. Repeatable up to 2 credits subject to
graduation restrictions. Course fee required. Prerequisite: MUSC 3815.
FA, SP

MUSC 4816  Prvt Lesson IV Major: Organ  1.00 CR
Private organ instruction for music majors. Participation in departmental
recitals and a final jury examination is required. 50 minute lesson and
one hour performance class per week.
Repeatable up to 2 credits subject to graduation restrictions. Course fee
required. Prerequisite: MUSC 3816.
FA, SP

MUSC 4821  Prvt Lesson IV Major Percuss  1.00 CR
Private percussion instruction for music education majors. Participation
in departmental recitals and a final jury examination is required. 50
minute lesson and one hour performance class per week.
Repeatable up to 2 credits Repeatable up to 2 credits subject to gradu-
ation restrictions. Course fee required. Prerequisite: MUSC 3821.
FA, SP

MUSC 4861  Vocal Pedagogy  2.00 CR
A survey of voice pedagogy, including the physics of singing, vocal
anatomy and physiology, and their applications to singing as well as im-
plications for teaching singing. Includes lecture, conventional and tech-
nology based demonstration, research assignments, written tests, and
practical application.
SP (Even years)
MUSC 4865 Piano Literature I 2.00 CR
History of piano literature and performance practices from the Baroque period to the Classical period.
FA (Odd years)

MUSC 4866 Piano Literature II 2.00 CR
History of piano literature and performance practices from the Romantic period to the present.
SP (Even years)

MUSC 4890 Senior Recital 1.00 CR
Required of all Music majors. Applied instruction in preparation for and public performance of a 60 minute recital. Includes musical and extra musical preparation. Successful completion should prepare students to perform publicly in a solo capacity. Requires Piano Proficiency Exam before enrolling. Requires pre requisite or Corequisite 3000 level private music lesson.
Prerequisite: Instructor permission.
FA, SP

MUSC 4892 Independent Study 1.00 – 3.00 CR
This course is designed to meet the individual needs of advanced students in the Music Department who wish to pursue a specific focus of study related to their degree/employment focus and/or research interest. Students work under close supervision by appropriate faculty in the design and successful completion of the course. The course is structured by a formal contractual arrangement with the faculty member that is submitted at the beginning of the semester in which that coursework is undertaken. Students are expected to meet with the faculty mentor each week and to provide the faculty member with progress reports and assignment development for feedback and grading purposes on an ongoing basis.
Variable credit: 1.0 – 3.0. Repeatable up to 6 credits subject to credit restrictions. Prerequisite: Instructor permission.
FA, SP

NURSING (NURS)

NURS 1005 Certified Nursing Assistant 4.00 CR
Prepares students in the knowledge, skills, and responsibilities required for certification as a nursing assistant by the state of Utah.
Course fee required. Corequisite: NURS 1007.
FA, SP, SU

NURS 1007 Nursing Assistant Clinical 0.00 CR
Clinical portion of NURS 1005. Provides hands on clinical training in the long term care setting to reinforce nursing assistant skills learned in classroom and laboratory. A minimum of 24 clinical hours required. Corequisite: NURS 1005.
FA, SP, SU

NURS 1800 Nursing Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

NURS 1810 Nursing Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA, SP

NURS 1820 Nursing Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

NURS 2000 Intro to Health Concepts 5.00 CR
First semester course. Introduces health concepts within the three domains of the client, healthcare, and nursing. Emphasis is placed on an introduction to the concepts of fluid and electrolytes, elimination, thermoregulation, oxygenation, perfusion, inflammation, tissue integrity, infection, sensory and perception, mobility, comfort, safety, stress and coping, grief and loss, cognition, self, family, diversity, culture, spirituality, critical thinking, nursing process, and technical skills. Includes classroom, lab, and clinical learning experiences.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
SP ’11, FA ’11

NURS 2100 Medical / Surgical Nursing II 8.50 CR
To prepare students to function within the scope of practice of a registered nurse, emphasis is on more complex physiological and psychosocial needs of adult patients using the nursing process, including complex integrated care for medical/surgical patients and human relations/interpersonal communications. Will not be taught after Spring 2011.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program. Corequisite: NURS 2150.
FA ’10, SP ’11

NURS 2120 Nursing Pharmacology III 1.00 CR
The third and final nursing pharmacology course. Includes medication calculation of intravenous agents; intravenous medication therapy; fluid and electrolyte replacement; emergency agents for cardiac disorders, neurological disorders, poisonings, shock, hypertensive crisis, and pulmonary edema; and medication administration in the critical care setting. Will not be taught after Spring 2011.
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
Corequisites: NURS 2100.
FA '10, SP '11

NURS 2200 Maternal/Newborn Nursing II 1.50 CR
Focuses on meeting complex needs of newborn and family throughout the childbearing cycle, with emphasis on roles of registered nurse in caring for high risk adult/newborn patients during antepartum, labor/delivery, and postpartum periods, and facilitation and understanding of diagnostic testing, while developing critical thinking, therapeutic communication, technical skills, leadership/management skills, effective time management, professional behavior and caring. Will not be taught after Fall 2011.
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program. Corequisite: NURS 2250.
FA '11

NURS 2250 Pediatric Nursing II 1.00 CR
Focuses on meeting complex needs of the pediatric client and family using critical thinking, therapeutic communication, technical skills, leadership/management skills, effective time management skills and the nursing process, while emphasizing professional behavior and caring, as well as the role of the registered nurse based on principles of health promotion, illness prevention, high risk illnesses and conditions likely to exist while working with children and their families in the acute care setting.
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
Corequisite: NURS 2200.
FA '11

NURS 2260 Psychiatric Nursing II 1.50 CR
Building on concepts learned in NURS 1260, emphasizes understanding psychiatric disorders, diagnostic criteria, nursing interventions and other disciplines in care planning for the psychiatric client. Will not be taught after Fall 2011.
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program. Corequisite: NURS 2200.
FA, SP

NURS 2300 Entry into Practice II 3.50 CR
Covers theory and clinical experiences designed to facilitate student transition into the role of the registered nurse. Focuses on synthesis and application of advanced nursing knowledge and skills. Will not be taught after Fall 2011.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
FA, SP

NURS 2400 Health & Illness Concepts I 6.00 CR
First semester course. Further develops health and illness concepts within the three domains of the client, healthcare, and nursing. Emphasis is placed on the concepts of acid base, metabolism, cellular regulation, oxygenation, infection, stress and coping, health wellness illness, therapeutic communication, caring, technical skills, time management/organization, critical thinking, nursing process, safety, quality improvement, and informatics. Includes classroom, lab, and clinical learning experiences.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
SP '11, FA '11

NURS 2450 Nursing Pharmacology Concepts I 1.00 CR
First semester course. Provides an introduction to concepts of pharmacology for nurses within the three domains of the client, healthcare, and nursing. Emphasis is placed on the concepts of assessment, therapeutic communication, critical thinking, nursing process, caring, safety, and accountability and their application in long term care and geriatric health settings.
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
SP '11, FA '11

NURS 2500 Health & Illness Concepts II 8.00 CR
Second semester course. Further develops health and illness concepts within the three domains of the client, healthcare, and nursing. Emphasis is placed on the concepts of metabolism, intracranial regulation, cellular regulation, perfusion, infection, immunity, mobility, comfort, behavior, health wellness illness, critical thinking, nursing process, caring, time management/organization, leadership/management, and safety. Includes classroom and clinical learning experiences.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
FA '11, SP '12

NURS 2530 Family Health Concepts 5.00 CR
Second semester course. Further develops health and illness concepts within the three domains of the client, healthcare, and nursing. Emphasis is placed on the concepts of oxygenation, thermoregulation, sexuality, reproduction, infection, grief and loss, mood and affect, behavior, development, family, critical thinking, and nursing process. Includes classroom and clinical learning experiences.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
FA '11, SP '12

NURS 2550 Nursing Pharmacology Concepts II 1.00 CR
Second semester course. Builds on concepts in NURS 2450 within the three domains of the client, healthcare, and nursing. Emphasis is placed on application of pharmacological health and illness concepts in acute care and family health settings.
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
FA '11, SP '12

NURS 2590 PN Transitions 1.00 CR
Assists the student in transitioning to the practical nurse role and in preparation for the PN licensing exam.
Course fee required. Prerequisites: Admission to the Dixie State College Associate Degree in Nursing program; AND NURS 2000, NURS 2400, NURS 2450, NURS 2500, NURS 2530, AND NURS 2550.

NURS 2600 Health Care Systems 4.00 CR
Third semester course. Further develops concepts within the three domains of the client, healthcare, and nursing. Emphasis is placed on health wellness illness, professional behaviors, caring, leadership/management, time management/organization, critical thinking, nursing process, safety, advocacy, legal issues, health policy, healthcare systems, ethics, accountability, and evidence based practice.
Course fee required. Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.
SP '12, FA '12
NURS 2650 Nursing Pharmacology III 1.00 CR  
Third semester course. Builds on concepts in NURS 2550 within the three domains of client, healthcare, and nursing. Emphasis is placed on application of complex health and illness concepts in nursing pharmacology.  
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.  
SP '12, FA '12

NURS 2700 Complex Health Illness Concept 8.00 CR  
Third semester course. Assimilates concepts within the three domains of the client, healthcare, and nursing. Emphasis is placed on the concepts of fluid and electrolytes, metabolism, thermoregulation, oxygenation, perfusion, tissue integrity, infection, mobility, stress and coping, family, violence, critical thinking, and nursing process. Includes classroom and clinical learning experiences.  
Course fee required.  
Prerequisite: Admission to the Dixie State College Associate Degree in Nursing program.  
SP '12, FA '12

NURS 3100 Professional Nursing Roles 2.00 CR  
Focuses on the transition to professional nursing role and responsibilities and explores the differences in ADN and BSN education and practice levels by exploring the roles of the BSN nurse in the health care environment, including nurse educator, nurse leader, case manager, and community health nurse.  
Prerequisite: Admission to the Dixie State College Bachelor of Science in Nursing program.  
FA

NURS 3200 Health Assessment 3.00 CR  
Focuses on the development of interviewing and physical assessment skills throughout the lifespan utilizing a holistic approach and critical thinking skills to evaluate assessment findings, differentiate between normal and abnormal variations.  
Prerequisites: BIOL 4400; and NURS 3100 (can be concurrently enrolled).  
SP

NURS 3300 Transcultural Nursing 3.00 CR  
Prepares professional nursing students to provide culturally sensitive and culturally competent care to individuals, families, and communities, emphasizing the importance of understanding cultural diversity in order to promote appropriate health prevention, disease intervention activities, and teaching strategies. Includes self evaluation, including biases and prejudices about other cultures and ethnic groups.  
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100 (can be concurrently enrolled).  
FA

NURS 3400 Nursing Informatics 3.00 CR  
Introduces informatics in nursing practice, education, research, and administration, exploring how informatics systems can be utilized to assist in providing more efficient and effective client care, including hardware, software, databases, new developments and associated legal and ethical issues.  
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100.  
SP

NURS 3600 Nursing Research 3.00 CR  
Introduces quantitative and qualitative research concepts, methodology, and techniques, addressing the scientific approach; preliminary steps in research design, measurement, and data collection; analysis of data; and critiquing. Emphasizes the relationship between research and the practice of professional nursing.  
Prerequisites: MATH 1040 or STAT 2040; AND Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100.  
SU

NURS 3700 Gerontological Nursing 2.00 CR  
Focuses on nursing care of the older adult by exposure to best practices for care of the older adult; issues such as quality of life, elder abuse, cultural considerations, and restraint alternatives; normal physiologic changes of aging; pathological disease processes; cognitive and psychological changes; end of life care; and environments of care for the older adult.  
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100 (can be concurrently enrolled).  
FA

NURS 4020 Community Health Nursing 6.00 CR  
Prepares the baccalaureate student to function within the scope of professional nursing practice in the care of individuals, families, and groups in the community with emphasis placed on family assessment, community assessment, health promotion, health maintenance, and disease prevention. Past, present and future community service trends are explored and analyzed. Purchase of electronic access is required to navigate this online course.  
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and BIOL 4400 and NURS 3100; and NURS 3200.  
Corequisite: NURS 4025.  
FA

NURS 4025 Comm Health Nursing Clinical 0.00 CR  
Clinical portion of NURS 4020.  
Prerequisite: Admission to the Dixie State College Bachelor of Science in Nursing program. Corequisite: NURS 4020.  
FA

NURS 4030 Nursing Policy & Ethics 3.00 CR  
Addresses policy development, political influences and power, and nursing's involvement in the policy making process. Legislation past and present, as well as ethical theories, frameworks, and the process of ethical inquiry are examined, explored, and analyzed as a basis for professional nursing practice, education, research, and decision making.  
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100 (can be concurrently enrolled).  
SP

NURS 4040 Nursing Leadership Management 5.00 CR  
Explores the role of the professional nurse as a leader and manager of patient care by exploring strategies, processes, and techniques of the nurse leader and manager as well as theories and principles of leadership and management and their application to the professional nursing role.  
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100 (can be concurrently enrolled).  
Corequisite: NURS 4041  
FA
NURS 4041 Nursing Leadership Mgmt Clinic 2.00 CR
Clinical portion of NURS 4040; allows the student to apply the theories and principles of leadership and management in the clinical setting and provides the opportunity to complete a leadership project within the student's work setting.
Prerequisite: Admission to the Dixie State College Bachelor of Science in Nursing program. Corequisite: NURS 4040.
FA

NURS 4100 Senior Seminar 3.00 CR
Synthesizes previously learned knowledge and integrates the concepts of critical thinking, leadership and management, policy and ethics, cultural competence, and professional practice through the use of case studies, presentations, and written assignments.
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100, NURS 3200, NURS 3300, NURS 3400, NURS 3600, NURS 4020, NURS 4025, NURS 4040, and NURS 4041.
FA, SP

NURS 4600 Senior Capstone 4.00 – 6.00 CR
Allows the student to select an area of interest and have an intensive experience focused on nursing leadership, research, and/or clinical practice. Student portfolios are used to design an individual learning experience in which students will integrate the role of the professional nurse with previous knowledge and experience. Students will meet the college requirement of 45 work hours per credit.
Prerequisites: Admission to the Dixie State College Bachelor of Science in Nursing program; and NURS 3100, NURS 3200, NURS 3300, NURS 3400, NURS 3600, NURS 4020, NURS 4025, NURS 4040, and NURS 4041.
SP

NUTRITION AND FOOD SCIENCE (NFS)

NFS 1000 Breadmaking 1.00 CR
Open to students and interested in working with yeast and non yeast breads. Techniques of basic bread making are taught through practical application. Some lecture, but the primary focus is on actual preparation and evaluation of bread dough products. Successful students should be able to trouble shoot problems and prepare a variety of breads.
Course fee required.
FA, SP

NFS 1020 Sci Foundations of Nutrition 3.00 CR
Fulfills General Education Life Science requirement. Open to all students who have an interest in human nutrition and how it relates to individual dietary requirements. May be of particular interest to students with an emphasis in Health Sciences, Education, or related fields. Various periods during the life cycle infancy, childhood, adolescence, pregnancy, and the later years and their specific nutrient needs will be analyzed as well as the basic nutrients and how they are absorbed and used by the body. Other areas of focus will include nutrition for athletes, eating disorders, weight control, and food safety. Includes lecture, multimedia, applied nutrition group activities, guest lecturers, and computer analysis of personal diet. Students will record and analyze their own diet.
Course fee required.
FA, SP

NFS 1030 Lifespan Fitness and Nutrition 2.00 CR
Open to all students with an interest in learning appropriate fitness and nutrition practices over the lifespan. Of special interest to athletes, and students studying nutrition or physical fitness. Basic nutrition and fitness concepts will be taught. Weight control, nutrition for the athlete, low fat and healthy cooking, and stress management will be emphasized. Includes lecture, Fitness Center activities, group work, dietary analysis, and food labs. Students will develop an individualized fitness and nutrition plan.
FA, SP

NFS 1100 Basic Food Prep Techniques 3.00 CR
Open to all students with an interest in food preparation techniques and healthful nutrition practices for the lifespan, and recommended for students with an emphasis in Foods, Nutrition, or Family Consumer Science. Covers the principles and practices of food preparation, healthful food choices, consumer and health information and the management of meals, food, time, and economic resources. Includes preparation of food, lectures, group projects, and field trips. Successful completers should be able to use and apply a variety of food preparation and meal management techniques and nutrition concepts. Combined lecture / lab. Course fee required.
FA, SP

NFS 1240 Culinary Arts 3.00 CR
This course is for students interested in learning fundamentals in the culinary arts. Intermediate skills will be taught as well as learning the production of international foods. This class is a combination of lecture, demonstration and preparing foods. Course fee required.

NFS 2020 Nutrition and Food Science 3.00 CR
For students interested in nutrition or health sciences. Includes the application of nutrition principles to the human life cycle, nutrient function, needs sources and alterations during pregnancy, lactation, growth development, maturation and aging. Different types of nutritional assessment are taught using lecture, labs, activities, guest lecturers and student projects.
Prerequisite: NFS 1020.
Offered based on sufficient student need.

NFS 2120 Infant and Child Nutrition 3.00 CR
For students interested in nutrition. Includes strategies for meeting the nutrient needs of infants, toddlers, preschool, and school age children. Covers menu planning for children in day care and preschool settings and methods for teaching nutrition to children. Uses guest speakers, student presentations, lecture, observations, and group work.
Prerequisite: NFS 1020.
SP

OPERATIONS MANAGEMENT (OPER)

OPER 1010 Quality Systems & Processes I 3.00 CR
Required of students in the Operations Management program. Provides introductory knowledge of the use of quality systems and processes in manufacturing, including an overview of ISO 2008 and total quality management (TQM) systems. Covers standards in evaluating quality and reducing variance in manufacturing products while each student focuses on Six Sigma leadership and works toward Greenbelt Six Sigma status. Combined lecture with lab / and practicum.
Prerequisite: Admission to Dixie State College Operations Management program.
Offered in rotation in Operations Management program.
OPER 1020 Safety & OSHA Compliance I 3.00 CR
Required of students in the Operations Management program. Provides general knowledge of correct safety practices in the workplace, focusing on the characteristics of an effective safety culture, management commitment to safety, defining a value system, OSHA voluntary guidelines for safety management, management leadership and employee commitment to effective safety practices. Combined lecture with lab / and practicum.
Prerequisite: Admission to Dixie State College Operations Management program.
Offered in rotation in Operations Management program.

OPER 2010 Quality Systems & Processes II 3.00 CR
Required of student in the Operations Management program. Provides intermediate knowledge of quality systems and processes in manufacturing. Continues development of ISO 2008 and TQM systems, and further develops Six Sigma standards, focusing on attainment of Greenbelt Six Sigma status for each student. Combined lecture with lab / and practicum.
Prerequisite: Admission to Dixie State College Operations Management program; AND OPER 1010.
Offered in rotation in Operations Management program.

OPER 2020 Safety & OSHA Compliance II 3.00 CR
Required of student in the Operations Management program. Provides advanced knowledge of correct safety practices in the workplace with continued focus on characteristics of effective safety culture, including assigning safety responsibilities, behavior based safety processes, and developing a hazard inventory and a hazard protection and control system. Covers conducting effective incident investigations, medical surveillance programs, assessments of safety and training needs, job hazard analysis, and effective measurements of safety status. Combined lecture with lab / and practicum.
Prerequisite: Admission to Dixie State College Operations Management program; AND OPER 1020.
Offered in rotation in Operations Management program.

OPER 2070 Leadership Supervision & Mgmt 3.00 CR
Required of student in the Operations Management program. Provides focus on management leadership, including development of accountability, high performing organizations, customer oriented results, shared power, higher involvement, establishing a corporate vision, situational leadership, self leadership, partnering for performance, and leading change. Combined lecture with lab / and practicum.
Prerequisite: Admission to Dixie State College Operations Management program.
Offered in rotation in Operations Management program.

OPER 2080 Operations Management 3.00 CR
Required of student in the Operations Management program. Provides intermediate level knowledge of managing operations in manufacturing, construction, and transportation. Includes developing an understanding of competitiveness, strategy, productivity, forecasting products, service design, reliability, decision theory, process selection, facility layout, linear programming, learning curves, supply chain management (SCM), inventory management, scheduling, and overall project management.
Combined lecture with lab / and practicum.
Prerequisites: Admission to Dixie State College Operations Management program; AND MAN 2010; AND MAN 2020.
Offered in rotation in Operations Management program.

OPER 3030 Management Law 3.00 CR
Required of student in the Operations Management program. Survey of the legal environment for business managers, including dispute resolution, property crimes, fundamental principles of tort liability, government regulations of enterprises and individuals, contracts, and sales. Combined lecture with lab / and practicum.
Prerequisite: Admission to Dixie State College Operations Management program.
Offered in rotation in Operations Management program.

PHILOSOPHY (PHIL)

PHIL 1000 Intro to Philosophy 3.00 CR
Fulfills a General Education Humanities requirement. Covers the general nature of philosophy, its origins, and its influences on human experience. Offers an introduction to philosophical theories of knowledge, truth, reality, being, science, politics, aesthetics, ethics, values, and religion. Includes examinations requiring essay and objective responses, quizzes, formal essays and informal written responses, participation in class discussions, and group presentations.
FA, SP

PHIL 1120 Social Ethics 3.00 CR
Fulfills a General Education Humanities requirement. For all students interested in philosophy, moral values, and the application of ethics to social issues. Covers the historical development of Western value systems, including the contribution of classical and Hebraic traditions to current personal and political values. Students are also asked to apply ethical theories such as utilitarianism and Kantian formalism to social issues of our day, such as genetic engineering, business practices, world hunger, euthanasia, and war.
FA, SP

PHIL 1250 Reasoning & Rational Decisions 3.00 CR
Strengthens critical thinking skills through analyzing and evaluating arguments, a basic logical framework, Aristotelian logic, the principles of Charity and Socratic Humility, beginning logic of sentences, fallacies, probability, statistical reasoning, and other forms of inductive argument in order to train students to recognize, evaluate, and construct arguments.
Prerequisite: ENGL 1010.
FA

PHIL 3510 Professional Ethics 3.00 CR
Designed for business and other pre professional students. Examination of selected ethical issues in business and technology, e.g., justice, corporate responsibility, preferential treatment, advertising practices, environmental responsibility, confidentiality and privacy, and government regulation.
Prerequisite: Advanced Standing.
Offered based on sufficient student need.

PHLEBOTOMY (PHLB)

PHLB 1000 Phlebotomy 4.00 CR
For students wishing to learn phlebotomy. Provides hands on training to become proficient in drawing and obtaining blood samples from a vein or capillary for laboratory analysis using Vacutainer, syringe, butterfly, and heel and finger stick. Instruction includes universal precautions and proper handling of specimens. Successful completion requires a number of “live sticks.”
Course fee required. Prerequisite: Admission to the Dixie State College Phlebotomy program.
FA, SP
PHYSICAL EDUCATION, HEALTH & RECREATION (PEHR)

PEHR 1001 Freshmen Exp/Athletics & PEHR 1.00 CR
A First Year Experience course designed to help students adapt to college life and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities. Sections offered by academic departments will include information pertinent to that discipline, while open major sections will include information about choosing a major or area of study.
FA, SP

PEHR 1005 Health Education 2.00 CR
For students interested in up to date information about a variety of health topics. It teaches a health information framework to involve the student in activities related to various health issues. Involves lectures, oral reports and videos. The purpose of this course is to enable students to make sound health related decisions.
FA, SP

PEHR 1010 Aerobic Dynamics 1.00 CR
Activity class for students interested in learning the fundamentals of individual fitness. Emphasizes fitness through a variety of cardiovascular formats, muscle conditioning, and flexibility.
FA, SP

PEHR 1020 Step Workout 1.00 CR
Activity course for students to learn a variety of ways to use a Reebok step for cardiovascular training as well as muscular conditioning. Designed to teach step aerobics as well as enhance fitness.
FA, SP

PEHR 1057 Kundalini Yoga 1.00 CR
Activity course to introduce students to the movement, meditation, and breath work practices of Kundalini Yoga. Includes study from a text. Presents yoga practices as a technology teaching self awareness and consciousness.
FA, SP

PEHR 1058 Intermediate Kundalini Yoga 1.00 CR
Activity course for students interested in learning more advanced skills in the practices of Kundalini Yoga
FA, SP

PEHR 1085 Weight Training 1.00 CR
Activity course for men and women students interested in learning the fundamentals of weight training, including instruction designed to build and strengthen the body. Students will receive supervised practice in various progressive resistance exercises, will learn basic of weight training, and will improve body strength.
Course fee required.
FA, SP

PEHR 1088 Fitness Center I 1.00 CR
Activity course designed for students who desire to begin and sustain a fitness program. Teaches students to manage a fitness program and pursue lifelong fitness goals. Dixie College's Fitness Center is equipped with the finest fitness equipment, including dozens of aerobic and strength machines, and it is staffed by trained fitness instructors. Students may receive complete fitness assessments and have one of the instructors help develop a personalized exercise program. Students must attend a general orientation at the beginning of the quarter. Thereafter, students use the fitness equipment at times that may be convenient to them to fulfill a required number of hours spent exercising. Repeatable up to 8 credits subject to graduation restrictions. Course fee required.
FA, SP, SU

PEHR 1100 Beginning Tennis 1.00 CR
Activity course that provides instruction in the fundamentals of tennis, including basic stroke orientation, rules, and scoring in order to encourage further involvement in tennis. Students will learn tennis with the intent of developing a lifetime leisure and social activity that will give hours of enjoyment as a family, social, and/or competitive activity.
FA, SP

PEHR 1101 Intermediate Tennis 1.00 CR
Activity course for students interested in expanded, more advanced skill development of strokes and strategy for both singles and doubles play in order to increase their interest in tennis and inspire continued involvement as a social outlet and recreational activity.
FA, SP

PEHR 1110 Racquetball 1.00 CR
Activity course for students interested in learning the basics of racquetball, including instruction in serving, returning, and court strategy. Students will learn skills, rules, and proper etiquette as well as improving their skill levels in racquetball.
Course fee required.
FA, SP

PEHR 1111 Intermediate Racquetball 1.00 CR
Activity course for students interested in learning more skills in racquetball. Designed to improve student's racquetball skill, as well as provide activity.
Course fee required.
FA, SP

PEHR 1130 Beginning Golf 1.00 CR
Activity course for students interested in learning the basics of golf, including instruction in the fundamentals of grip, stance, swing use of various clubs, as well as rules, etiquette, and scoring. Designed to give students playing time at the driving range and on the golf course as well as improving skill levels.
Course fee required.
FA, SP

PEHR 1131 Intermediate Golf 1.00 CR
Activity course for students interested in learning more golf skills. Teaches fundamentals of grip, stance, swing, use of clubs, as well as rules, etiquette, and scoring. Actual practice at the golf course will include putting and driving. Designed to improve student's golf skills, as well as provide activity.
Course fee required. Prerequisite: PEHR 1130.
SP

PEHR 1145 Bowling 1.00 CR
Activity course for students interested in learning the fundamentals of bowling, including instruction in the stance, approach, release and roll. Designed to give students playing time and gain knowledge of rules, scoring, and etiquette as well as improving skill levels.
Course fee required.
FA, SP

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Description</th>
<th>Repeatable</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>PEHR 1146</td>
<td>Intermediate Bowling</td>
<td>1.00</td>
<td>Activity course for students interested in continued development of the fundamentals of bowling, including instruction in the stance, approach, release and roll. Designed to give students playing time and gain knowledge of rules, scoring, and etiquette as well as improving skill levels. Course fee required. FA, SP</td>
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<tr>
<td>PEHR 1200</td>
<td>Basketball</td>
<td>1.00</td>
<td>Activity course for students interested in learning the basics of basketball, including skills such as dribbling, passing, shooting, and team offense and defense, as well as knowledge of the game. Designed to give students playing time, increase knowledge of basketball, and improve individual skill levels.</td>
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<tr>
<td>PEHR 1201</td>
<td>Intermediate Basketball</td>
<td>1.00</td>
<td>Activity course for students interested in learning more skills in basketball. Designed to give students playing time, increase knowledge of volleyball, improve individual skill levels, and provide activity. FA, SP</td>
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<tr>
<td>PEHR 1210</td>
<td>Volleyball</td>
<td>1.00</td>
<td>Activity course for students interested in learning the basics of volleyball, including instruction in the fundamentals of service, passing, setting, and spiking, as well as knowledge of the rules of volleyball. Designed to give students playing time, increase knowledge of volleyball, and improve individual skill levels.</td>
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<tr>
<td>PEHR 1211</td>
<td>Intermediate Volleyball</td>
<td>1.00</td>
<td>Activity course for students interested in learning more skills in volleyball. Designed to give students playing time, increase knowledge of volleyball, improve individual skill levels, and provide activity. FA, SP</td>
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<tr>
<td>PEHR 1225</td>
<td>Softball</td>
<td>1.00</td>
<td>Activity course for students interested in learning the basics of softball, including instruction in the fundamentals of play situations and rules of softball. Designed to give students playing time, increase knowledge of basketball, and improve individual skill levels. Offered based on sufficient student need.</td>
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<tr>
<td>PEHR 1230</td>
<td>Soccer</td>
<td>1.00</td>
<td>Activity course for students interested in learning the basics of soccer, including instruction in fundamental skills such as dribbling, heading, shooting, trapping, passing, and defensive knowledge of the game as well as improving their individual skill levels. SP</td>
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<tr>
<td>PEHR 1287</td>
<td>Intercollegiate Men's Soccer</td>
<td>1.00</td>
<td>Activity course for men student athletes chosen to compete in intercollegiate men's soccer. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1288</td>
<td>Intercollegiate Women's Cross Country</td>
<td>1.00</td>
<td>Activity course for women student athletes chosen to compete in intercollegiate cross country competition. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. SP</td>
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<tr>
<td>PEHR 1289</td>
<td>Intercollegiate Men's Cross Country</td>
<td>1.00</td>
<td>Activity course for men student athletes chosen to compete in intercollegiate cross country competition. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1290</td>
<td>Intercollegiate Men's Football</td>
<td>1.00</td>
<td>Activity course for men student athletes chosen to compete in intercollegiate men's football. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1291</td>
<td>Intercollegiate Women's Volleyball</td>
<td>1.00</td>
<td>Activity course for female student athletes who play intercollegiate volleyball. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1292</td>
<td>Intercollegiate Women's Soccer</td>
<td>1.00</td>
<td>Activity course for female student athletes who play intercollegiate women's soccer. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1293</td>
<td>Intercollegiate Men's Basketball</td>
<td>1.00</td>
<td>Activity course for men student athletes who play intercollegiate men's basketball. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1294</td>
<td>Intercollegiate Women's Basketball</td>
<td>1.00</td>
<td>Activity course for women student athletes who play intercollegiate women's basketball. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission. FA</td>
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<tr>
<td>PEHR 1295</td>
<td>Intercollegiate Men's Golf</td>
<td>1.00</td>
<td>Activity course for men student-athletes who play intercollegiate men's golf.</td>
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</table>
golf. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission.

**PEHR 1296 Intercollegiate Men's Baseball** 1.00 CR
Activity course for men student athletes who play intercollegiate men's golf. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission.

**PEHR 1297 Intercol Women's Softball** 1.00 CR
Activity course for women student athletes who play intercollegiate women’s softball. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission.

**PEHR 1298 Intercol Women's Tennis** 1.00 CR
Activity course for women student athletes who play intercollegiate women’s tennis. Only those selected for the team may enroll. Students will benefit from training under a professional coach and from the opportunity to participate in NCAA Division II sports. Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission.

**PEHR 1300 Beginning Swimming** 1.00 CR
Activity course for students interested in swimming. Includes instruction and practice in the fundamental elements of swimming and water safety skills emphasizing the basic skills of floating, rhythmic breathing, gliding and kicking, and the forms of the crawl stroke and elementary backstroke. Students will gain knowledge as well as improve their skill level in swimming. Course fee required. FA, SP

**PEHR 1301 Intermediate Swimming** 1.00 CR
Activity course designed for students interested in learning intermediate aspects of swimming, including the advanced techniques of the four competitive strokes: front crawl, back crawl, breaststroke and butterfly, as well as the two leisure strokes: sidestroke and elementary backstroke. Designed to improve students skill and fitness levels. Course fee required. FA, SP

**PEHR 1315 Water Aerobics** 1.00 CR
Activity course introduces aerobic conditioning principles designed to develop the cardiovascular respiratory systems, strength and coordination. Course fee required. FA, SP

**PEHR 1340 Lifeguarding** 2.00 CR
Activity course for students interested in furthering their knowledge and skills in swimming and getting their lifeguard training. Instruction is given in water rescue, water safety and skills. This course includes the Red Cross Exam, and successful students will be Red Cross certified. Students must demonstrate proficiency in two basic strokes (American Crawl and breaststroke). Course fee required. FA, SP

**PEHR 1350 SCUBA Diving** 1.00 CR
For students interested in SCUBA diving. Includes lectures on underwater environment, diving skills, equipment, techniques, respiration, breathing air at depth, and safety procedures in scuba diving. Students will practice basic SCUBA diving techniques, SCUBA safety, and use of SCUBA equipment in a swimming pool and in strictly supervised open water dives. While students receive the Professional Association for Diving Instructors (PADI) open water scuba course, students must certify in scuba diving independently of this course. Course fee required. FA, SP

**PEHR 1355 SCUBA Diving Lab** 0.00 CR
Lab portion of PEHR 1350, for practice of basic SCUBA techniques, SCUBA safety, and use of SCUBA equipment in swimming pool and strictly supervised, limited open water dives. Lab fee required. FA, SP

**PEHR 1410 Tai Chi** 1.00 CR
An activity course in beginning Tai Chi, providing a foundation to Tai Chi philosophy and practice. Students will learn how to achieve optimum health and wellness, as well as the martial art applications of Tai Chi. The class will also focus on the history, philosophy and training of Tai Chi. FA, SP

**PEHR 1450 Chinese Kung Fu** 1.00 CR
Activity course designed for students of all fitness levels who are interested in developing more self-awareness, flexibility, physical conditioning, and power through the medium of Chinese martial arts. Examines the psychological and physiological response to conflict, and provides a foundation of techniques that will teach students how to operate in high stress environments. Concepts are presented through lecture, active learning, and actual self-defense practice. FA, SP

**PEHR 1510 Freshwater Fishing** 1.00 CR
Activity course that uses nearby lakes and streams as a laboratory to teach the methods of freshwater angling as well as variety of related topics. The class alternates between field trips and classroom activities every other week. Topics studied include tackle, the various types of fishing techniques (fly, bait, spincast, baitcast, trolling, etc.), the laws and regulations, and safety, as well as etiquette. A required weekend trip during the semester is planned to more distant locations. Course fee required. FA

**PEHR 1527 Introduction to Climbing** 1.00 CR
Activity course is designed for all students, presenting introductory information on safety, equipment and its maintenance, and climbing technique, including rappelling, belaying, and sport climbing. Climbs will be conducted on and off campus at local venues. Course fee required. FA, SP
PEHR 1530  Primitive Survival Skills 1.00 CR
Activity course designed to allow students to learn the survival skills of primitive people. Included are topics related to fire, shelter, wild food gathering and preparation, clothing, travel, signaling, tools, hunting and fishing. Course includes classroom and outdoor laboratory activities, as well as a required weekend field trip.
Course fee required.
FA

PEHR 1535  Backpacking 1.00 CR
Activity course designed to allow students to learn about the basic principles, tools, skills, and equipment pertaining to a safe and enjoyable activity revolving around overnight backcountry foot powered trips. Course includes classroom and outdoor laboratory activities, as well as a required weekend field trip.
Course fee required.
SP

PEHR 1540  Outdoor Recreation Survey 1.00 CR
This course introduces students to the basic principles pertaining to the provision of safe and enjoyable outdoor recreation activities. The students will learn about specific equipment, tools, skills, and techniques. The students will also be exposed to safety and health oriented topics pertaining to the outdoor environment.
SP

PEHR 1543  First Aid / Resp Emergencies 3.00 CR
Designed for students desiring to learn about first aid, including instruction in the principles and practices in emergency care and first aid procedures for injuries and safety precautions. Successful completers will be certified through the American Red Cross in CPR and First Aid.
FA, SP

PEHR 1545  Outdoor Cooking 1.00 CR
Activity course designed to allow students to learn the basic principles pertaining to the preparation of meals in the outdoors by studying specific equipment, tools, and techniques, including Dutch oven cooking, grilling, backpack cookery, and cooking for large groups. Course includes classroom and outdoor laboratory activities, as well as a required weekend field trip.
Course fee required.
FA, SP

PEHR 1550  Mountain Biking 1.00 CR
Activity course designed to present basic information on equipment purchase, maintenance, and repair of a mountain bike. Fitness programs and short trips are conducted in the local area with an extended tour planned by the group to conclude the semester. Student must supply own bicycle.
FA, SP

PEHR 1551  Intermediate Mountain Biking 1.00 CR
Activity course that offers students the opportunity to further the skills learned in Beginning Mountain Biking. Students will discover some of the more advanced local mountain biking trails in our area, tackle more challenging terrain, learn to develop and use a training schedule, and do more in depth maintenance on their bicycles. Instruction is provided on components, technical cycling skills, safety, conditioning, trip planning, maintenance and repair. Student must supply own bicycle.
SP

PEHR 1575  Rodeo Rules & Conditioning 1.00 CR
Activity course designed for the rodeo athlete or the student who has an interest in rodeo. This course includes instruction in National Intercollegiate Rodeo Association Constitution By Laws and Rules, with a focus on building skills needed for rodeo competition. Students will gain knowledge and a greater appreciation for rodeo as well as improve their individual skill level.
Repeatable up to 4 credits subject to graduation restrictions.
FA, SP

PEHR 1730  Adaptive PE 1.00 CR
Course for students physically disabled or unable for physical or medical reasons to participate in the regular physical education courses. Instructor will work with the student and give assignments according to the student's individual abilities and needs. Schedule will be arranged by instructor.
Repeatable up to 2 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

PEHR 1740  Adaptive PE 1.00 CR
Course for students physically disabled or unable for physical or medical reasons to participate in the regular physical education courses. Instructor will work with the student and give assignments according to the student's individual abilities and needs. Time will be arranged by instructor. Prerequisite: Instructor permission.
FA, SP

PEHR 1790  Weight Training for Women 1.00 CR
Activity course for students physically disabled or unable for physical or medical reasons to participate in the regular physical education courses. Instructor will work with the student and give assignments according to the student's individual abilities and needs. Schedule will be arranged by instructor.
Repeatable up to 2 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP

PEHR 1810  Athletic Comm Engagement 1.00 CR
Provides outreach and partnership with faculty, students, and community in a mutually beneficial and respectful collaboration. Students will address community identified needs, deepen civic learning, enhance community well being, and enrich the scholarship of the institution through completing several service learning activities. Students will learn organization and leadership skills. Students must participate in the class both fall and spring semesters. Class registration will be spring semester. Repeatable up to 4 credits subject to graduation restrictions. Prerequisite: Instructor permission.
SP

PEHR 1850  Special Perf Cheerleading 1.00 CR
Activity course for students selected as Dixie State College Cheerleaders. Students will benefit from training under a professional coach and from the opportunity to participate in a variety of activities.
Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission.
SP

PEHR 1860  Dixie Dance Team 1.00 CR
Activity course for students selected as members of the Dixie Dance Team. Students will benefit from training under a professional coach and from the opportunity to participate in a variety of activities.
Repeatable up to 5 credits subject to graduation restrictions. Prerequisite: Instructor permission.
FA, SP
PEHR 1970 PE Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

FA

PEHR 1971 PE Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

SP

PEHR 1972 PE Work Experience 1.00 – 3.00 CR
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SU

PEHR 2020 Exercise Science 2.00 CR
For students interested in working in the fitness industry as either a personal trainer or aerobics instructor. Covers basic human anatomy and physiology as it pertains to exercise, basic training principles in aerobics and strength training. Contains lecture and lab exercises. The course objective is to prepare students for the American Council of Exercise (ACE) certifying exam. Prior CPR certification is recommended.
Corequisite: PEHR 2040.
FA, SP

PEHR 2040 Exercise Science/Fitness Train 1.00 CR
Lab portion of PEHR 2020.
FA, SP

PEHR 2430 Basketball Officiating 1.00 CR
For students wishing to officiate in interscholastic, intramural, or community games. Teaches rules, officiating, techniques, problems and procedures used in basketball. Uses lecture, media, guest lectures, and practical game situations.
FA

PEHR 1970 PE Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

FA

PEHR 1971 PE Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

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FA, SP

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FA

PHYSICAL THERAPY ASSISTANT (PTA)

PTA 1010 Intro to Physical Therapy 2.00 CR
Open to all students interested in physical therapy and rehabilitation medicine. Introduces the field and history of physical therapy, types of care and treatment, and its role in health care. Designed to assist students in making career decisions.
SP

PTA 1020 Practice Issues 2.00 CR
First semester course. Reviews the "Guide to Physical Therapist Practice," including the health care team, the rehabilitation specific team, the roles and scopes of practice of the physical therapist and the physical therapist assistant, and the physical therapist/assistant interaction. Also covers the rehabilitation patient, communication in health care, patient care settings, reimbursement issues, the "Patient's Bill of Rights," and HIPAA.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '10

PTA 2010 Kinesiology 2.00 CR
First semester course. Study of normal and abnormal movement of joints, extremities, and trunk, the relationship of movements to gait and postural patterns, and musculoskeletal and neuromuscular relationships and functions, including data collection skills and practice.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '10

PTA 2011 Kinesiology Lab 2.00 CR
First semester course. Lab portion of PTA 2010 in which students develop competencies identifying anatomical landmarks and symmetry, joint mechanics and function, posture, an introduction to gait, measuring and data collection techniques, and neurological control.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '10

PTA 2110 Fundamentals Physical Therapy 2.00 CR
First semester course. Fundamental skills for patient treatment and care, including patient draping and preparation, bed mobility, transfers, gait training, wheelchair fitting, tilt table, activities of daily living, architectural barriers, documentation, basic skills for patient/family education, safety, cultural and gender sensitivity, and age related considerations.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '10

PTA 2111 Fundamentals Phys Therapy Lab 2.00 CR
First semester course. Lab portion of PTA 2110.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '10

PTA 2200 Physical Agents 2.00 CR
Second semester course. Efficacy and use of therapeutic modalities including heat, cold, electrotherapy, intermittent compression, massage, traction, ultrasound, and others. Evidence based practice, safety, cultural / gender sensitivity, and indications/contraindications are emphasized.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '11
Course Descriptions

PTA 2201 Physical Agents Lab 2.00 CR
Second semester course. Lab portion of PTA 2200.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '11

PTA 2210 Observation & Measurement 2.00 CR
Second semester course. Covers bases for and physical therapist assistant’s role in recognizing movement and other dysfunctions. Competency is gained in the use of tools for data collection and problem solving, including goniometry, manual muscle testing, posture, vital signs, sensation, gait and balance, etc. Emphasizes patient progress and accurate reporting.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '11

PTA 2211 Observation & Measurement Lab 2.00 CR
Second semester course. Lab portion of PTA 2210.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '11

PTA 2300 Orthopedic Rehabilitation 2.00 CR
Second semester course. Emphasizes development of therapeutic exercise and other treatment practices for patients with musculoskeletal pathologies with special attention toward cultural / gender / age sensitivities.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '11

PTA 2301 Orthopedic Rehabilitation Lab 2.00 CR
Second semester course. Lab portion of PTA 2300.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SP '11

PTA 2400 Clinical Pathology 2.00 CR
Second semester course. Overview of basic disease progression and classification with special emphasis in musculoskeletal and nervous system pathologies treated with physical therapy interventions.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '10, SP '11

PTA 2410 Special Clientele 2.00 CR
Fourth semester course. Introduction to Therapeutic principles underlying the treatment of patients with amputations, cardiopulmonary pathologies and considerations, women's health issues, and selected age specific disorders.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '11, FA '11

PTA 2411 Special Clientele Lab 1.00 CR
Fourth semester course. Lab portion of PTA 2410.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '11, FA '11

PTA 2520 Neuromuscular Rehabilitation 2.00 CR
Fourth semester course. Covers patients with neurological pathologies and their physical therapy treatment, modifications, best practices, and current concepts. Age related, injury, cultural and gender differences, and disease processes are considered.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '11, FA '11

PTA 2521 Neuromuscular Rehab Lab 2.00 CR
Fourth semester course. Lab portion of PTA 2520.
Lab fee required. Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '11, FA '11

PTA 2530 Seminar 3.00 CR
Fourth semester course. Introduction to effective administration of physical therapy environments, including management techniques, fiscal considerations, continuous quality assurance, voluntary accrediting agencies, and other relevant topics related to the business and delivery of physical therapy care.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '11, FA '11

PTA 2550 Rehabilitation Psychology 3.00 CR
Fourth semester course. Introduction to psychosocial considerations that affect the rehabilitation of patients, including cultural diversity, human and family dynamics, geriatric considerations, responses to illness and disease, death and dying, and the grieving process.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '11, FA '11

PTA 2605 Clinical Practicum 4.00 CR
Third semester (summer) course. Three week, full time (40 hours per week) clinical experience in a physical therapy workplace setting. Clinical assignments are at the discretion of the PTA Academic Coordinator of Clinical Education. Supervision, instruction, and evaluation is provided by physical therapists and physical therapist assistants at the host facility.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
FA '10, SU '11

PTA 2705 Clinical Affiliation I 6.00 CR
Fifth semester course. Five week, full time (40 hours per week), instructor supervised clinical experience, which may include musculoskeletal, neurological, pediatric, geriatric, or other type(s) of physical therapy care, in acute care, acute rehabilitation, long term rehabilitation, outpatient, or other clinical environment(s) as assigned by the Program’s Academic Coordinator of Clinical Education.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP '12, SP '13

PTA 2805 Clinical Affiliation II 6.00 CR
Fifth semester course. A second, five week, full time (40 hours per week), instructor supervised clinical experience, which may include musculoskeletal, neurological, pediatric, geriatric, or other type(s) of physical therapy care, in an acute care, acute rehabilitation, long term rehabilitation, outpatient, or other clinical environment(s) different than in
PTA 2705 and with a different instructor, as assigned by the Program’s Academic Coordinator of Clinical Education.
Prerequisite: Admission to the Dixie State College Physical Therapist Assistant program.
SP ’12, SP ’13

PHYSICS (PHYS)

PHYS 1010 Elementary Physics 3.00 CR
Fulfills General Education Physical Science requirement for students not majoring in Physics, other Sciences, or Engineering. Covers the basic concepts of physics in an historical perspective, providing many practical examples that demonstrate the role of physics in their everyday life.
Prerequisite: Math Placement score 23 OR MATH 1010 (Grade C or higher) within 2 years prior to enrollment in PHYS 1010.
FA, SP, SU

PHYS 1015 Elementary Physics Lab 1.00 CR
Lab portion of PHYS 1015.
Lab fee required. Corequisite: PHYS 1010.
FA, SP, SU

PHYS 1040 Elementary Astronomy 3.00 CR
Fulfills General Education Physical Science requirement. A general study of the solar system, including telescope sessions for identification of planets, stars, constellations and galaxies in order to understand concepts space and its contents.
Corequisite: PHYS 1045.
FA, SP

PHYS 1045 Elementary Astronomy Lab 1.00 CR
Lab portion of PHYS 1040.
Lab fee required. Corequisite: PHYS 1040.
FA, SP

PHYS 1360 Principles of Physical Science 3.00 CR
Fulfills General Education Physical Science requirement. An interdisciplinary course covering selected topics in physics, chemistry and geology. Provides an introduction to the scientific method and its application. Strongly recommended for Elementary Education majors, and open to all students.
Corequisite: PHYS 1365.
FA, SP

PHYS 1365 Principles of Phys Science Lab 1.00 CR
Lab portion of PHYS 1360. One local 6 hour field trip required.
Lab fee required. Corequisite: PHYS 1360.
FA, SP

PHYS 2010 College Physics I 4.00 CR
Fulfills General Education Physical Science requirement for students majoring in some Science programs, and pre Medical, pre Dental, and other pre professional programs. Covers the basics of mechanics, heat, and sound. First course in a two semester sequence required for further study in science fields.
Prerequisite: MATH 1060 or MATH 1065. Corequisite: PHYS 2015.
FA

PHYS 2015 College Physics I Lab 1.00 CR
Lab portion of PHYS 2010.
Lab fee required. Corequisite: PHYS 2010.
FA

PHYS 2020 College Physics II 4.00 CR
Second course in a two semester sequence required for further study in science fields for students majoring in some Science programs, and pre Medical, pre Dental, and other pre professional programs. Covers the basics of electricity, magnetism, light, and modern physics. Uses lecturers, videos, and demonstrations.
Prerequisite: PHYS 2010. Corequisite: PHYS 2025.
SP

PHYS 2025 College Physics II Lab 1.00 CR
Lab portion of PHYS 2025.
SP

PHYS 2210 Physics/Scientists Engineers I 4.00 CR
Fulfills General Education Physical Science requirement for students majoring in physical science, engineering, and some biological/plant sciences. First course in an intensive two semester sequence. Covers basic principles of physics, emphasizing mechanics with the objective of developing students’ capacities to analyze problems in physics and to express solutions in mathematical form utilizing mathematics up to and including calculus. Successful completion satisfies prerequisite for ENGR 2000.
Prerequisite: MATH 1210 or MATH 1220 (can be concurrently enrolled in MATH 1220). Corequisite: PHYS 2215.
FA

PHYS 2215 Phys/Scientists Engineer I Lab 1.00 CR
Lab portion of PHYS 2210.
Lab fee required. Corequisite: PHYS 2210.
FA

PHYS 2220 Physics/Scientists Engineers II 4.00 CR
Second course in a two semester sequence required for students majoring in physical science, engineering, and some biological/plant sciences. Covers basic principles of physics, emphasizing electricity and magnetism; optics, and relativity with the objective of developing students’ capacities to analyze problems in physics and to express solutions in mathematical form utilizing mathematics up to and including calculus. Successful completion of this series satisfies Physics requirements for Physical Science and Engineering.
Prerequisite: MATH 1220; and PHYS 2210. Corequisite: PHYS 2225.
SP

PHYS 2225 Phys/Scientists Engr II Lab 1.00 CR
Lab portion of PHYS 2225.
Lab fee required. Prerequisite: PHYS 2215. Corequisite: PHYS 2220.
SP

PHYS 2710 Introductory Modern Physics 3.00 CR
For students majoring in Physics and some Engineering fields, also recommended for Chemistry and other Science majors. Includes relativity; wave particle duality; and an introduction to quantum physics, atomic physics, and nuclear physics.
Prerequisites: MATH 2280; and PHYS 2220/2225.
SP
PLACEMENT BOOt CAMP (PBC)

PBC 0800 Math for Placement I 1.00 CR
Designed for students wishing to place into MATH 1010: a brief review of basic math, algebra, and intermediate algebra skills to prepare for a placement exam, or for students who have taken MATH 0990 but did not earn a grade of C or higher and wish to take a placement exam. The course will be delivered electronically. Students will take a series of diagnostic exams at the beginning of the course to determine the types of modules they will work on during the course. Students will enroll in a 6 week module for 1 credit. Students are expected to work up to 7 1/2 hours per week on the course materials. Students may enroll in additional 6 week modules as necessary. Repeatable up to 3 credits. FA, SP, SU

PBC 1000 Math for Placement 1.00 CR
Designed for students wishing to place into MATH 1030, 1040, or 1050: a brief review of basic math, algebra, and intermediate algebra skills to prepare for a placement exam, or for students who have taken MATH 1010 but did not earn a grade of C or higher and wish to take a placement exam. The course will be delivered electronically. Students will take a series of diagnostic exams at the beginning of the course to determine the types of modules they will work on during the course. Students will enroll in a 6 week module for 1 credit. Students are expected to work up to 7 1/2 hours per week on the course materials. Students may enroll in additional 6 week modules as necessary. Repeatable up to 3 credits subject to graduation restrictions. FA, SP, SU

POLITICAL SCIENCE (POLS)

POLS 1100 American Government 3.00 CR
Fulfills the General Education American Institutions (Utah State Code R470) requirement. Surveys the founding of the U.S. Government; the U.S. Constitution; and the Legislative, Executive, and Judicial branches of government. Also covers politics and elections, international relations, and national security. Helps students acquire a greater understanding of the federal system and of federalism. Employs a wide variety of instructional methods including lectures, student reports, discussions, and audio visual materials. Successful students will demonstrate a reasonable understanding of the history, principles, form of government, and economic system of the United States. Prerequisite: Reading placement score 17 or higher, or ENGL 1470. FA, SP, SU

POLS 1800 Poli Sci Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. FA

POLS 1810 Poli Sci Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. SP

POLS 1820 Poli Sci Work Experience 1.00 – 3.00 CR
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POLS 2100 Intro International Relations 3.00 CR
Examines the military, economic, social, and political interactions between nations, including how realist, liberal, and idealist theories describe and explain the causes of war and peace, the issues concerning trade and globalization, the content and purpose of international law, and the importance of international institutions such as the United Nations and the European Union. Students will read widely and write analytically to gain a deep understanding of these theories and issues. Prerequisite: POLS 1100. FA '10; SP '12

POLS 2200 Intro to Comparative Politics 3.00 CR
For students interested in politics or planning to major in political science. Examines political activities within individual countries by looking at the politics of a diverse set of nation such as the United States, England, Russia, China, Japan, Mexico, Iran, Nigeria, etc., in order to compare the political institutions and patterns in one country with those in other countries. The focus is on each country's internal politics, with a view to making generalizations about how politics work in a variety of national settings. This will allow students to understand many democratic styles and how democratic politics compare with the politics in authoritarian governments. Students will read widely and write comparatively about various government structures in various countries. Prerequisite: POLS 1100. SP '11

POLS 2300 Intro to Political Theory 3.00 CR
For students interested politics or planning to major in political science. Examines the ideas about government from Plato to John Rawls, including Aristotle, Augustine, Aquinas, Machiavelli, Hobbs, Locke, Montesquieu, Rousseau, Hume, Burke, Kant, Mill, and Marx. Covers ideas about the relationship between those who govern and those who are governed; about the nature of the good life and the role of government in achieving it; about ideas of how those who govern are to be chosen; about the necessity of limits, if any, on those who govern; and about the correct balance between freedom for the individual and the authority of the state. Students will read from the works of the great political thinkers and write criticisms and comparisons of those thinkers' ideas. Prerequisite: POLS 1100. SP '11
POLS 3030 State and Local Government 3.00 CR
Surveys the politics, structure, and activities of state and local governments, including intergovernmental relations, legal and theoretical concerns, political processes, and administrative issues, with special attention given to the Utah experience.
Prerequisite: POLS 1100.
Offered based on sufficient student need.

PSYCHOLOGY (PSY)

PSY 1001 Orient/PSYC & Soc Sci 1.00 CR
For students interested in the Social and Behavioral Sciences (Psychology, Sociology, Anthropology, Archeology, Ethnic Studies, Gender Studies, and Political Science). This course is designed to help students set the conditions to maximize their college experience. In particular, this course will help students understand and adapt to college life and expectations, refine college level skills and abilities, create and foster social networks, and introduce them to different fields of study, degree options, and career opportunities within the Social and Behavioral Sciences. 1 lecture hour per week.

PSY 1010 General Psychology 3.00 CR
Fulfills General Education Social and Behavioral Sciences requirement. For students in all disciplines who are interested in the fundamental scientific principles of behavior. Includes the study of learning, motivation, emotion, personality, mental disorders, treatment alternatives, and other related subjects as part of the course. Critical thinking will be explored in examining these aspects of behavior. Students will have frequent examinations and quizzes as part of the course requirements.
FA, SP, SU

PSY 1100 Human Dev through Lifespan 3.00 CR
Fulfills General Education Social and Behavioral Sciences requirement. For all students who are interested in knowing how and why people change through the course of a lifetime. Covers biological, cognitive, and social changes from prenatal development to late adulthood. Studies scientific methods of collecting and interpreting data, analyzes developmental events from various perspectives, and focuses on applying this knowledge to one’s own development. Utilizes textbook reading, tests, quizzes, and journal writing.
FA, SP, SU

PSY 1210 Psychology of Personal Growth 3.00 CR
For all students who have a desire to increase self awareness, understanding, and personal growth. Includes information on social influences, stress, health issues, communication, relationships, and challenges associated with marriage, child rearing, work, and aging. Uses textbook readings, group discussions, and journal writing to explore past and present decisions and to make future choices to promote personal growth toward self actualization and fulfillment. Completion of PSY 1010 is recommended before enrolling in this course.
SP

PSY 1800 Psychology Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
FA

PSY 1810 Psychology Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SP

PSY 1820 Psychology Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.
SU

PSY 2000 Writing in Psychology: APA Style 3.00 CR
Required of psychology majors and recommended for students in all disciplines interested in understanding and more effectively using APA style. An introduction to the effective use and application of APA style for research projects, technical papers, and expository writing in the psychological and behavioral sciences. Combination lecture / lab. Prerequisites: PSY 1010; and ENGL 1010.
FA, SP

PSY 2430 Stress Management 3.00 CR
For students of all disciplines who wish to learn more about the stress response. Sources of stress, physiological and psychological responses to stress and other components of stress will be investigated. Students will be given relaxation training through several alternative approaches. Includes examinations from the text, completion of self appraisals, and self exploration through written exercises.
FA

PSY 2480 Substance Abuse: Prevention 3.00 CR
For students of all disciplines wishing to expand their awareness of the effects of drugs on the human body, to learn more about local, state, and federal laws regulating the use of drugs and alcohol, to become acquainted with information which identifies and describes characteristics of users, and to recognize healthy lifestyles as a viable alternative to substance abuse. Course requires reading, in class oral presentation, and examinations from the textbook.
SP

PSY 2800 Human Sexuality 3.00 CR
Provides a basic understanding of the academic and scientific study of human sexuality. Human sexuality is examined from multiple perspectives, ranging from the biological through psychological, as well as cultural, medical, ethical and legal issues. The course is intended to provide an in depth, college level understanding of the foundations of human sexuality. Offered based on sufficient student need.
**PSY 3000 Statistical Methods/Psychology 4.00 CR**
Required of Psychology majors. An introduction to and application of statistical methods in psychological research. Students will design and measure psychological constructs, select, compute, and interpret descriptive and inferential statistics, use computer technology to facilitate statistical analyses, accurately represent the results of statistical analyses, and critically analyze methodological and statistical arguments. Combined lecture / lab.
Prerequisites: PSY 1010; and MATH 1040.
FA, SP

**PSY 3010 Research Methods in Psychology 4.00 CR**
Required of Psychology majors. An introduction to the research process; deductive and inductive reasoning in science, the nature of theory, hypothesis testing and the use of empirical data; scientific knowledge and its applications. Naturalistic, case study, correlation, and experimental research methods in Psychology will be examined. Combined lecture / lab.
Prerequisites: PSY 2000; and PSY 3000.
FA, SP

**PSY 3120 Cognitive Psychology 3.00 CR**
Fulfills Biological/Cognitive Psychology requirement for Psychology majors. Introduction to basic principles of human and non human cognition. Topics include perception, categorization, attention, memory, knowledge representation, judgment and decision making, and problem solving.
Prerequisite: PSY 1010.
SP

**PSY 3200 Dvpmt in Infancy & Childhood 3.00 CR**
Fulfills Social/Developmental Psychology requirement for Psychology majors. Covers the theories and research on prenatal development, pregnancy and birth, infants' sensory and motor capabilities, brain development, attachment, children's understanding of their physical and social world, pretense and theory of mind, language and reasoning, self-concept, parent-child and peer relations, self-control and morality. Biological, cognitive and social-cultural perspectives will be considered.
Prerequisite: PSY 1100 or FCS 1500.
FA

**PSY 3220 Adolescence & Emerging Adult 3.00 CR**
Fulfills Social/Developmental Psychology requirement for Psychology majors. Provides a basic understanding of key developmental transitions during adolescence and emerging adulthood (e.g., biological, cognitive, social and emotional), some of the contexts in which these transitions are situated (e.g., family, school, culture) and how these transitions and contexts might interact with one another.
Prerequisite: PSY 1100 or FCS 1500.
SP

**PSY 3230 Adult Development & Aging 3.00 CR**
Fulfills Social/Developmental Psychology requirement for Psychology majors. The study of adult lives from a life span perspective. In addition to the psychology of aging, students will investigate societal influences on aging. Topics include theories of the life cycle, identity formation, the experience of growing older, personality stability, and psychological adjustment to the myths and realities of age.
Prerequisite: PSY 1100 or FCS 1500.
FA (Even years)

**PSY 3400 Psych of Abnormal Behavior 3.00 CR**
Fulfills Clinical/Applied Psychology requirement for Psychology majors. An advanced course for students of all disciplines who wish to study the nature of mental disorders. Particularly important for students majoring in psychology, criminal justice, or education. Course will cover DSM IV diagnostic categories with descriptive information concerning etiology, symptomatology and therapeutic strategies. Requires college reading level skills and will require library research.
Prerequisite: Psychology 1010.
SP

**PSY 3410 Social Psychology 3.00 CR**
Fulfills Social/Developmental Psychology requirement for Psychology majors. The scientific study of how individuals' thoughts, feelings, and behaviors are influenced by other people. Topic areas include identity, social perception, attitudes, persuasion, conformity and obedience, stereotypes and prejudice, group conflict, aggression and violence, helping behavior, and interpersonal relationships.
Prerequisite: PSY 1010.
FA

**PSY 3440 Child & Family Mental Health 3.00 CR**
Provides a basic understanding of the emerging field of family mental health. Family mental health considers parent and child development (biological, cognitive, social and emotional), family relationships and family functioning. The course will include an introduction to observation, screening and assessment, diagnosis and intervention and interdisciplinary / multidisciplinary collaboration in the field of family mental health.
Prerequisite: PSY 1100 or FCS 1500.
SP

**PSY 3460 Health Psychology 3.00 CR**
Examines the relationship between psychosocial factors and health and provides a broad overview using the basic concepts, theories, methods, and applications of health psychology. Course will critically examine state of the art research as well as current gaps in knowledge to explore topics including: definitions and vice versa, patient practitioner relations, and health promotion. Emphasis will be placed on the ways psychological factors interact with the social, cultural, economic, and environmental contexts of health.
Prerequisite: PSY 1010.
SP (Odd years)

**PSY 3700 Personality Theory 3.00 CR**
Fulfills Social/Developmental Psychology requirement for Psychology majors. Offers students the opportunity for expanded self understanding and understanding of others based on established personality theories. Primary focus is on presentation and discussion of diverse theoretical views of personality and personally development.
Prerequisite: PSY 1010.
SP

**PSY 3710 Behavioral Neuroscience 3.00 CR**
Fulfills Biological/Cognitive Psychology requirement for Psychology majors. Introduction to how the structure and function of the brain and the nervous system relate to specific psychological processes and overt behaviors including cognitive functions, sensory and motor systems, emotions, regulatory behaviors, reproductive behaviors, and psychopathology. Completion of PSY 3000 and 3010 is recommended before enrolling in this course.
Prerequisites: BIOL 1010 or BIOL 1610; AND PSY 1010.
FA
PSY 4000 History of Psychology 3.00 CR
Required of Psychology majors. An examination of the philosophical issues that have troubled psychology as a science, such as determinism and free will, conscious and unconscious processed, the possibility and efficacy of self knowledge, behaviorism vs. mentalism, and the relation of mind and brain.
Prerequisites: PSY 1010; and Senior standing.
FA

PSY 4130 Interpersonal Neuroscience 3.00 CR
Fulfills Biological/Cognitive Psychology requirement for Psychology majors. Introduction to theoretical perspective in interpersonal neuroscience employed in developmental psychology and in the study of interpersonal experiences. This course will also explore the neural mechanisms of emotion, personality and mood as they relate to interpersonal interaction.
Prerequisites: PSY 3200; and PSY 3410.
FA (Odd years)

PSY 4140 Cognitive Neuroscience 3.00 CR
Fulfills Biological/Cognitive Psychology requirement for Psychology majors. Cognitive neuroscience uses neuroimaging techniques such as PET and fMRI to examine issues related to the mind/brain. This course covers such topics as perception and encoding, cerebral lateralization and specialization, the control of action, executive function, and the problem of consciousness. Completion of PSY 3120 is recommended before enrolling in this course.
Prerequisites: PSY 1010.
SP (even years)

PSY 4150 Sensation & Perception 3.00 CR
Fulfills Biological/Cognitive Psychology requirement for Psychology majors. The anatomical and physiological bases of sensation will be reviewed. Moreover, traditional and contemporary theories of perception will be critically considered. How we see, hear, feel pain and temperature, and in general receive information from the environment; how our perceptions are affected by expectancy, knowledge, and higher level organizational factors. Students will be expected to master basic concepts of sensory and perceptual function.
Prerequisite: PSY 3120.
FA

PSY 4200 Psychology of Morality 3.00 CR
Reviews recent and ongoing theory and research to explore how and why morality influences our judgments and actions with a specific emphasis on the relative roles of evolved emotions and of principled reasoning in moral processes. This course will incorporate evidence and argument from the fields of evolutionary biology, philosophy, anthropology, social neuroscience, and social psychology to explore the effects of moral thinking and feeling on topics such as economic and legal decision making, political affiliation, helping behavior, aggression and social deviance.
Prerequisite: PSY 1010; and Advanced standing.
SP (even years)

PSY 4300 Intro Counseling/Psychotherapy 4.00 CR
Designed to familiarize students with theories of counseling and psychotherapy with an emphasis on the major models within the field. Theories will be critically evaluated, contrasted, and applied to a range of psychological problems and diverse populations. Students will also explore the historical background and developmental precipitants of each theory as well as the multicultural strengths and weaknesses of each counseling approach. Opportunity is provided to practice and refine counseling skills. Highly recommended for students interested in pursuing a counseling related profession.
Prerequisites: PSY 3400; and Advanced standing.
FA

PSY 4440 Addiction 3.00 CR
Provides students with the opportunity to explore the many issues related to the various forms and processes of addiction, focusing on etiology, assessment, treatment, and legal issues with regard to addiction. Students will also have the opportunity to learn about social and community resources designed to aid recovery.
Prerequisite: PSY 3400 or PSY 3460.
SP (even years)

PSY 4800 Psychology Practicum 1.00 3.00 CR
Students work in local or regional agencies or institutions by observing or participating in professional activities under appropriate supervision. Repeatable up to 3 credits subject to graduation restrictions. Prerequisite: Instructor Permission.
FA, SP, SU

RESP 1010 Intro to Respiratory Therapy 2.00 CR
First semester course. Introduces respiratory care profession, including professional organizations, credentialing, and licensing agencies. Also provides an overview of medical ethics, medicolegal issues of health care, regulations such as HIPPA, and selected OSHA standards, as well as an introduction to medical terminology and patient care documentation.
FA

RESP 2020 Cardiopulmonary Anatomy Physiol 3.00 CR
First semester course. Expands on basic human anatomy and physiology, concentrating on the cardiopulmonary system. Covers selected gas laws and physical principles associated with respiration and gas exchange, ventilation, pulmonary mechanics, circulation, and hemodynamics. Introduces fetal and newborn anatomy and physiology and basic cardiac and renal function.
Prerequisite: Admission to the Dixie State College Respiratory Therapy program.
FA
Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

**RESP 2030 Intro to Pathophysiology** 3.00 CR
First semester course. Introduction to human diseases, injuries, conditions, and disorders. Review of the hematologic, gastrointestinal, musculoskeletal, integumentary, endocrine, urinary, neurologic, cardiac, and pulmonary systems, including fluid and electrolyte and acid base balance. Integration of general pathologies as they relate to the scope of respiratory therapy practice. Pathologies associated with genetic traits or abnormalities and carcinogenesis are also covered, as are specific clinical application of respiratory care diagnostics.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

FA

**RESP 2040 Resp Care Therapeutics I** 3.00 CR
First semester course. Theory and clinical applications of a wide range of respiratory therapy modalities, including medical gases (including cylinders, regulators, flowmetering devices, and liquid oxygen), aerosols, humidity, hyperinflation techniques, chest physiotherapy, and airway clearance techniques. Clinical Practice Guidelines [CPGs] are introduced, and students must master clinical indications, contraindications, side effects, and desired therapeutic outcomes.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

FA

**RESP 2041 Therapeutics I Lab Practice** 2.00 CR
First semester course. Introduction to patient care, including body mechanics, patient interactions, and documentation. Practice in the selection, use, and trouble shooting of equipment associated with providing medical gases, aerosol and humidity, hyperinflation techniques, IPPB, and airway clearance. Introduction to respiratory pharmacology and devices used to administer and monitor aerosolized medications.

Lab fee required. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

FA

**RESP 2050 Intro Resp Care Pharmacology** 3.00 CR
Second semester course. Introduction to principles of pharmacology associated with treatment of infectious diseases and disorders of the hematologic, cardiovascular, pulmonary, endocrine, renal, GI, and neurologic systems, including administration routes and dosage calculation of selected medications. Sedation management, anesthesia, analgesia, chemotherapeutic agents, specific application of principles associated with aerosolized medications, and topical absorption are also included.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SP

**RESP 2060 Patient Assessment** 2.00 CR
Second semester course. Introduction to basic patient assessment techniques, including physical assessment and integration of laboratory and diagnostic findings associated with specific diagnoses. Covers physical findings; radiologic findings and other imaging studies; laboratory tests such as electrolytes, bacteriology, hematology, and metabolic studies; acid base balance and blood gas analysis; basic pulmonary function; and hemodynamic values. Emphasis is on the integration of patient presentation and associated pathology.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SP

**RESP 2065 Cardiopulmon Pathophysiology** 3.00 CR
Second semester course. Expands on RESP 2030 with an emphasis on cardiopulmonary and renal injuries, diseases, disorders, and conditions, using a case based method that integrates the etiology, presentation, pathophysiology, diagnosis, treatment, and prognosis of cardiopulmonary, hemodynamic, and renal dysfunction. Also explores neonatal and pediatric pathologies of the renal and cardiopulmonary systems, including congenital and structural defects.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SP

**RESP 2070 Resp Care Therapeutics II** 3.00 CR
Second semester course. Provides theory and clinical applications of respiratory therapy modalities, including airway management (intubation, extubation, tracheostomy care); manual ventilation; introduction to concepts of artificial ventilation (CPAP, BiPAP, positive and negative pressure ventilators); blood gas sampling, analysis, and quality control; noninvasive monitoring (oximetry, capnography, pulmonary mechanics); and equipment decontamination. Associated CPGs are introduced. Mastery of the clinical indications, contraindications, side effects, and desired outcomes of therapies is required.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SP

**RESP 2071 Therapeutics II Lab Practice** 2.00 CR
Laboratory portion of RESP 2070. Requires students to master artificial airway management skills including endotracheal intubation and bag valve mask ventilation. Also provides practice in blood gas sampling, noninvasive monitoring, basic ventilatory support, basic pulmonary function assessments and bedside spirometry.

Lab fee required. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SP

**RESP 2100 Clinical Practice I** 5.00 CR
Second semester course. Introduction to the hospital setting in order to practice clinical application of all skills mastered in RESP 2041 and RESP 2071 while developing interaction skills with patients and other members of the health care team. Proficiency must be demonstrated in providing therapies, monitoring and documenting care, and prioritizing to develop time management skills, while students participate in clinical care conferences and in evaluation of the appropriateness of care with respect to CPGs. 225 clinical hours.

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SP

**RESP 2200 Cardiopulmonary Diagnostics** 3.00 CR
Third semester course. In depth review of pulmonary function studies such as spirometry, lung volumes and diffusing capacities, bronchial provocation testing, and bronchodilator response studies as well as blood gas analysis and interpretation of arterial, capillary, and mixed venous blood gases, with an emphasis on case based learning and application of diagnostic findings to initiating or modifying patient care. Introduction of cardiac assessments and interventions (EKGs, echocardiography, IABP support, and hemodynamics including Swann Ganz and arterial catheters).

Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SU
RESP 2300 Intro Mechanical Ventilation 3.00 CR
Third semester course. Theory and clinical indications of all modes of ventilatory support, emphasizing mastery of understanding the indications for initiation and continuation of ventilatory support, assessing and monitoring patients on life support, integrating patient response to therapy with recommendations for modifying ventilator support, and determining the appropriate time and method for weaning from mechanical ventilation. Includes application of CPAP, BiPAP, negative pressure ventilation, and positive pressure ventilation, and introduces ventilators used in extended care or home care. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 2301 Adult Mechanical Ventilation Lab 2.00 CR
Lab portion of RESP 2300. Case based practice in selecting appropriate mode of mechanical ventilation from a wide range of ventilation modes based on patient situations; then initiating, monitoring, assessing, and recommending changes to ventilatory support; and weaning from mechanical ventilation. A wide range of ventilation modes and applications is mastered through a case based format. Lab fee required. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 2310 Clinical Practice II 5.00 CR
Third semester course. Clinical experience course emphasizing the provision of mechanical ventilation and assessment of patients in the emergency and intensive care settings. 225 clinical hours. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 2400 Alt Site/Subacute Respiratory Care 1.00 CR
Fourth semester course. Introduces practice of respiratory care in a home care/DME setting, pulmonary rehabilitation, patient education, smoking cessation, asthma management, and sleep disorders including sleep apnea. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 3005 Critical Care/ACLS 3.00 CR
Third semester course. Expands basic skills acquired in previous respiratory therapy courses and focuses on the presentation and management of patients in the ICU and emergency settings, emphasizing patient assessment and procedures involved in resuscitation including current practices in advanced life support. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 3020 Neonatal/Pediatric Respiratory Care 2.00 CR
Fourth semester course. Introduces theory and practice of pediatric and neonatal respiratory care, including specific anatomy, physiology and pathophysiology associated with neonates and children. Includes assessment, management, ventilatory techniques and equipment specific to infants and children as well as pharmacology, with medications and dosages specific to infants and children, and ventilatory modes such as HFJV and oscillation ventilation. Prerequisite: Admission to the DSC Respiratory Therapy program.

RESP 3021 Neonatal Care Lab Practice 2.00 CR
Fourth semester course. Laboratory practice of techniques associated with airway management, ventilatory support, and resuscitation of infants and children. Case based learning emphasizes patient assessment and initiation of appropriate respiratory support for infants and children. Lab fee required. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 3100 Clinical Practice III 5.00 CR
Fourth semester course. Capstone clinical practice course includes experience in neonatal intensive care as well as demonstrating continuing competency in adult intensive care, emergency care, and general respiratory care. Clinical rotations include experience in the home care setting and sleep laboratory. 300 clinical hours. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

RESP 3150 Critical think Seminar/NBRC Review 2.00 CR
Fourth semester course. Comprehensive curriculum review based on NRBC credentialing exams. Case based clinical simulations require students to integrate all concepts learned throughout the curriculum and clinical practice courses and apply this knowledge to branching logic scenarios. Prerequisite: Admission to the Dixie State College Respiratory Therapy program.

SCIENCE (SCI)

SCI 1001 Introduction to the Sciences 1.00 CR
A First Year Experience course strongly recommended for all entering freshmen and transfer student with 024 credits. Designed to help students succeed in science and other courses, adapt to college life, and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities as well as learning what science is and some of the career paths one can take in science.

FA, SP

SECONDARY EDUCATION (SCED)

SCED 3720 Reading Writing Content Areas 3.00 CR
Required for all Secondary Education Teaching (SET) students. Prepares secondary education teacher candidates to facilitate reading, writing and study skills in the content areas at the middle and secondary school level. Recommended to be taken concurrently with SCED 4100, SCED 4600, and SCED 4700 (or major equivalent). Combined lecture/practicum. Prerequisite: Admission to the Dixie State College Secondary Education Teacher (SET) program.

FA

SCED 4100 Curriculum, Instruction & Assess 3.00 CR
Required for all Secondary Education Teaching (SET) students. Examines research based curricular, instructional, and assessment issues, and national, state, and district standards. Prepares secondary education teacher candidates to unwrap state content standards and write objectives/enduring understandings, design formative and summative assessments, and align instruction with objectives and assessments. The
primary models for this course will include Understanding by Design (UbD) and Professional Learning Communities (PLC). Combined lecture / practicum.

Prerequisite: Admission to the Dixie State College Secondary Education Teaching (SET) program.

FA

SCED 4600 Classroom Management 3.00 CR
Required for all Secondary Education Teaching (SET) students. Designed for the management and leadership of the middle and high school classrooms. Areas include: discipline, procedures and routines, interpersonal relationships, classroom environment, learner motivation, and parental involvement. Students will design a comprehensive Classroom Management Plan (CMP). Combined lecture/practicum course.

Prerequisite: Admission to the Dixie State College Secondary Education Teaching (SET) program.

FA

SCED 4700 Content Methods Course 3.00 CR
Required for all Secondary Education Teaching (SET) students. Education and academic content faculty will work together to ensure content knowledge and effective pedagogy are appropriate for secondary (grades 7-12) learning environments. Lecture, seminar discussion, and practicum experiences in local secondary schools are the modes of instruction for this course. Teacher candidates will develop lesson plans based on national and state standards that include subject matter, instructional methods, assessments, and analysis of student learning from their practicum experience. Can be substituted with an equivalent methods course in a specific content area. Combined lecture/practicum.

Prerequisite: Admission to the Dixie State College Secondary Education Teaching (SET) program.

FA

SCED 4900 Secondary Student Teaching 10.00 CR
Required for all Secondary Education Teaching (SET) students. Thirteen (13) weeks of full time student teaching in a secondary school classroom (grades 7-12). Cooperating (mentor) teachers support teacher candidates as they are given responsibility of all aspects of teaching and learning in the classroom. DSC faculty members supervise and evaluate the teacher candidates using the department of education assessment tool. At the successful conclusion of the course, the teacher candidate will have completed the required content coursework and the student teaching requirement, and they will be eligible for the Utah Secondary Teaching License.

Prerequisite: Admission to the Dixie State College Secondary Education Teaching (SET) program. Corequisite: SCED 4989.

FA

SCED 4989 Student Teaching Seminar 2.00 CR
Required for all Secondary Education Teaching (SET) students. Teacher candidates debrief and collaborate about special topics such as classroom management, lesson design, assessment, and instructional strategies. The purpose of this seminar is to solidify the pre service experiences, present the professional portfolio and teacher work sample in its entirety and to dialogue with educational professionals to plan professional development subsequent to graduation.

Prerequisite: Admission to the Dixie State College Secondary Education Teaching (SET) program. Corequisite: SCED 4900.

SP

SOCIETY OF THE FAMILY (SOC)

SOC 1010 Intro to Sociology 3.00 CR
Fulfills General Education Social & Behavioral Sciences requirement.
Teaches what sociology is, what a sociologist does, and how sociology is applied, including the study of cultures, socialization, stratification, religion, families, organizations and social change through lectures, guest speakers, film, writing assignments, and exams.

FA, SP, SU

SOC 1020 Social Problems 3.00 CR
Fulfills General Education Social & Behavioral Sciences requirement.
Studies contemporary social issues dealing with crime, sexuality, drug abuse, violence, and families, in addition to larger social problems such as war, poverty, race and ethnic relations, population and the environment through lectures, guest speakers, film, writing assignments, and exams.

FA, SP

SOC 1200 Sociology of the Family 3.00 CR
Fulfills General Education Social & Behavioral Sciences requirement.
Teaches what sociology is and how sociology is applied to the study of families, covering many different aspects of including families through history, gender roles, love, sexuality, courtship, marriage, parenting, children, racial-ethnic families, families and work, family violence, separation and divorce, and aging in the family through lectures, guest speakers, film, writing assignments, and exams.

Offered based on sufficient student need.

FA

SOC 1800 Sociology Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

FA

SOC 1810 Sociology Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

FA

SOC 1820 Sociology Work Experience 1.00 – 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>SPAN 1010</td>
<td>Beginning Spanish I</td>
<td>4.00</td>
<td>Beginning course for students with little or no Spanish language experience. Emphasizes conversation, vocabulary building, and basic grammar. A variety of teaching methods will be employed, including drills, videos, etc. Some discussion of culture is included. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers are prepared to take SPAN 1020. FA, SP, SU</td>
</tr>
<tr>
<td>SPAN 1020</td>
<td>Beginning Spanish II</td>
<td>4.00</td>
<td>For students who have completed SPAN 1010 or who have equivalent experience (approximately two years of high school Spanish). Speaking, listening, reading, and writing, as well as cultural awareness will be emphasized. Varied methods are used to teach the class, including videos and drilling. Students using 1020 as an entry level class may receive vertical credits for SPAN 1010 upon passing 1020 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Upon completion of this course you will be prepared to take SPAN 1020. Equivalent experience may substitute for prerequisite. Prerequisite: SPAN 1010 or instructor permission. FA, SP, SU</td>
</tr>
<tr>
<td>SPAN 2010</td>
<td>Intermediate Spanish I</td>
<td>4.00</td>
<td>For Intermediate level students who have taken Spanish 1020, or equivalent experience (four or more years of high school Spanish). Second year course that emphasizes grammar review, composition, reading and conversation, and cultural awareness. Students using 2010 as an entry level class may receive vertical credits for lower level courses upon passing 2010 with a C grade or higher. This course partially qualifies students to receive an Associate of Arts or Bachelor of Arts degree. Successful completers will be prepared to take Spanish 2020. Not for students with extended Spanish language experience abroad. Equivalent experience may substitute for prerequisite. Prerequisite: SPAN 1020 or instructor permission. FA</td>
</tr>
<tr>
<td>SPAN 2020</td>
<td>Intermediate Spanish II</td>
<td>4.00</td>
<td>For Intermediate students who have taken Spanish 2010, or equivalent (four or more years of high school Spanish). Continued emphasis on grammar and introduction of authentic literary works to develop reading comprehension at a higher level. Cultural awareness will be emphasized as well. Students using 2020 as an entry level class may receive vertical credits for lower level courses upon passing 1020 with a C grade or higher. This course, along with one other Spanish course, will partially qualify students to receive an Associate of Arts degree. Not for students with extended Spanish language experience abroad. Successful completers should continue studies with SPAN 3020. Equivalent experience may substitute for prerequisite.</td>
</tr>
<tr>
<td>SPAN 3020</td>
<td>Conversation / Reading Spanish</td>
<td>3.00</td>
<td>Emphasizes conversation through readings of both historical and contemporary topics. These readings will help introduce students to various aspects of Hispanic traditions, customs and values. Includes oral discussions. Emphasis on tools for advanced reading: vocabulary recognition, comprehension of idiomatic expressions, and knowledge of advanced grammar. Equivalent experience may substitute for prerequisite. Prerequisite: SPAN 2020. FA</td>
</tr>
<tr>
<td>SPAN 3200</td>
<td>Business Spanish</td>
<td>3.00</td>
<td>Introduction in Spanish to basic business concepts (relating to company structure, accounting, banking, etc.) with a focus on Spanish vocabulary and writing skills for business. Attention to applications in Spanish speaking countries. A course devoted to learning and practicing oral and writing basic terminology and vocabulary related to commerce with Spain and Latin America. Practice in commercial letter writing. Prerequisite: SPAN 3060. FA</td>
</tr>
<tr>
<td>SPAN 3390</td>
<td>Understanding Spanish Lit</td>
<td>3.00</td>
<td>Readings in modern Hispanic literature (either Spanish peninsular or Latin American), focusing on formal literary analysis. Prerequisite: SPAN 3060. FA</td>
</tr>
<tr>
<td>SPAN 3580</td>
<td>Contemporary Issues</td>
<td>3.00</td>
<td>Introduction to contemporary and historical, political, economic, and cultural issues affecting one or more of the countries of Spain and/or Spanish America. Repeatable for credit when topic varies. Prerequisite: SPAN 3060. Offered based upon sufficient student need.</td>
</tr>
</tbody>
</table>
SPAN 3950 Hispanics in US Service Learn 3.00 CR
Service Learning advanced Spanish course looking at a wide variety of issues that affect the lives of Hispanics living in the United States: immigration law, ESL, education, health issues, discrimination, employment, religion, etc. Students will become familiar first hand with these issues working on volunteer projects in a variety of settings such as public schools, hospitals and health clinics, legal service offices, and minority civic centers. Students will do work on a volunteer basis (not for pay) in an area that will be linguistically challenging and therefore will show a gain in Spanish language skills in order to increase cultural awareness and heightened sensitivity for immigrant issues. Prerequisite: SPAN 3060. Offered in rotation; consult class schedule.

SPAN 4550 Iberian Culture & Civilization 3.00 CR
Covers the cultural history of Spain from the Middle Ages to the present, including history, architecture, art, literature music and film, to determine if there is a uniquely Spanish manner of seeing and understanding the world one which emerges as clearly distinct from the culture of America and other Western European nations. Prerequisite: SPAN 3060. Offered in rotation; consult class schedule.

SPAN 4610 Survey Peninsular Literature I 3.00 CR
Survey of selected periods and themes in Spanish literature of the Iberian Peninsula. Students will examine the most important literary texts, trends, genres, and literary, cultural, and philosophical theories from the Middle Ages to 17th Century through class discussions and lectures, analysis of readings, online databases, and videos. Prerequisite: SPAN 3390. Offered in rotation; consult class schedule.

SPAN 4620 Survey of Peninsular Lit II 3.00 CR
Survey of selected periods and themes in Spanish literature of the Iberian Peninsula. Readings of masterpieces by great writers chosen from the 18th Century to the present will be examined through lectures, oral discussions, and written reports in Spanish. Prerequisite: SPAN 3390. Offered in rotation; consult class schedule.

SPAN 4630 Survey of Latin American Lit I 3.00 CR
Survey of selected periods and themes in Spanish American literature, covering texts from the pre Hispanic, European exploration, and colonization of the Americas (1492 1826) periods in order to study a topic of interest in Spanish American literature and culture through reading and thinking critically about a wide variety of literary and cultural texts, including letters, chronicles, essays, poetry, and fiction. Prerequisite: SPAN 3060. Offered in rotation; consult class schedule.

STAT 2040 Business Statistics 4.00 CR
Required of students pursuing School of Business degrees or emphases. Introduction to basic statistical reasoning, including data distributions, descriptive statistics, probability and probability distributions, and sampling distributions, as well as inferential methods such as tests of hypotheses, analysis of variance, "Goodness of Fit", and regression. Prerequisites: CIS 1200; AND MATH 1010. FA, SP, SU

STUDENT SUPPORT SERVICES (SSC)

SSC 1001 Stu Support Serv Smart Start 1.00 CR
A First Year Experience course. Introduces and integrates new TRiO Student Support Services students to the DSC community, both academically and socially, by developing awareness of campus resources and assisting in exploring and establishing personal, academic, and career goals. Includes strategies for academic success, such as critical thinking skills, time management, financial aid resources, financial literacy, service learning, and effective collaboration techniques. Prerequisite: Instructor permission. FA, SP

SSC 1050 Academic Success Forum 1.00 CR
A series of lectures is offered to help students adapt to the academic environment by improving study and life skills. Different speakers from the college and the community will address topics of interest to adult students. Students will submit a written evaluation for each class period. Repeatable up to 2 credits subject to graduation restrictions. FA, SP

SSC 1200 Career Planning Seminar 1.00 CR
Designed to teach students career development skills by having students learn about themselves, learn about the world of work, and learn skills that facilitate this process. Assists students in making relevant and realistic career decisions by using current assessment tools and decision making process. Offered based on sufficient student need.

SSC 1300 Student Ambassador Leadership I 1.00 CR
For students who are appointed as Student Ambassadors working with the School Relations Office. Surveys leadership techniques, procedures and communication skills essential to student leadership with special emphasis on representing Dixie State College to prospective students. Minimum 45 hours of student involvement, attendance, and activity is required. Repeatable up to 4 credits subject to graduation restrictions. Prerequisite: Instructor permission required. FA, SP, SU

SSC 1350 Student Gvmt Leadership I 1.00 CR
For members of the Student Alumni Association executive council, class officers, and club presidents. Surveys leadership techniques, procedures, and communication skills essential to student leadership with special emphasis on the student government of Dixie State College. Minimum 45 hours of student involvement, attendance, and activity is required. Repeatable up to 4 credits subject to graduation restrictions. Prerequisite: Instructor permission required. FA, SP

SSC 1400 Student Alumni Leadership 1.00 CR
For members of the Student Alumni Association executive council. Surveys leadership techniques, procedures, and communication skills essential to alumni, student, and community leadership with special emphasis on the alumni of Dixie State College. Minimum 45 hours of student involvement, attendance, and activity is required. Repeatable up to 2 credits subject to graduation restrictions. Prerequisite: Instructor permission required. FA, SP
SURGICAL TECHNOLOGY (SURG)

SURG 1050  Surgical Technology  15.00 CR
For students in the Surgical Technology program. Basic introduction to fundamentals of surgical environment, including surgical routines, microbiology, asepsis, sterilization principles and practices, equipment, safety practices in the OR, anesthesia, surgical pharmacology, physiological homeostasis, wound healing, biomedical science, and handling and safety of specialized equipment, as well as surgical set ups for different surgical specialties. Prerequisite: Admission to the Dixie State College Surgical Technology program. Corequisites: SURG 1050; AND SURG 1060. FA

SURG 1055  Surgical Technology Lab  0.00 CR
Students will gain experience applying previously learned principles in the lab settings. The students will pass off and complete skill assessments, practice and demonstrate competencies. Corequisites: SURG 1050 and SURG 1060. 4 lab hours per week.

SURG 1060  Surgical Technology Clinic  0.00 CR
For students in the Surgical Technology program. Application of classroom and lab knowledge while working with a designated preceptor on specific goals. Students will demonstrate and perform previous competencies, including dressing in proper surgical attire, performing basic hand washing, handling supplies for surgical procedures, room turn over activities, operating sterilization equipment, obtaining supplies, creating and maintaining sterile field, performing surgical hand scrub, and anticipating needs of the sterile team. Prerequisite: Admission to the Dixie State College Surgical Technology program. Corequisites: SURG 1050; AND SURG 1055. FA

SURG 1070  Advanced Surgical Technology  15.00 CR
For students in the Surgical Technology program. Continuation of SURG 1050. Introduction to surgical technologist role and responsibility in specialized surgical procedures, including review of surgical anatomy, and specific procedures and setups. Focuses on diagnostic procedures and surgeries in specialties: general, obstetrics, gynecologic, ear/nose/throat, oral and maxillofacial, ophthalmic, plastic and reconstructive, genitourinary, orthopedic, cardiovascular / peripheral vascular, neurosurgical, and thoracic. Course fee required. Prerequisites: SURG 1050; AND SURG 1055; AND SURG 1060. Corequisites: SURG 1075; AND SURG 1080. SP

SURG 1075  Adv Surgical Technology Lab  0.00 CR
The students will identify names and uses of surgical instruments, supplies and drugs. Students will demonstrate proper positioning and draping, discuss the purpose and expected outcomes for surgical procedure, and pass off skill assessments with lab instructors. Corequisites: SURG 1070 and SURG 1080. 4 lab hours per week.

SURG 1080  Adv Surgical Technology Clinic  0.00 CR
For students in the Surgical Technology program. Continuation of SURG 1060. Emphasizes additions to first semester skills with additional emphasis on specialized surgical procedures: general obstetrics, gynecologic, ear/nose/throat, oral and maxillofacial, ophthalmic, plastic reconstructive, genitourinary, orthopedic, cardiovascular / peripheral vascular, neurosurgical, and thoracic. Prerequisites: SURG 1050; AND SURG 1055; AND SURG 1060. Corequisites: SURG 1070; AND SURG 1075. SP

TECHNOLOGY (TECH)

TECH 1000  Skills USA  1.00 CR
For vocational students who are members of the Vocational Industrial Clubs of America (VICA). Professional Development Program curriculum includes self assessment, goal setting, and industrial work place inquiries. VICA members participate in service activities, DSC club activities, and state and national competitions. Repeatable up to 4 credits subject to graduation restrictions. Offered based on sufficient student need.

TECH 1010  Skills USA Competition Prep  1.00 CR
For vocational students who are members of the Vocational Industrial Clubs of America (VICA) preparing for competition. Past competitors and industrial mentors will assist competitors in their competition preparation. VICA members participate in service activities, DSC club activities, and state and national competitions. First place winners at state competition compete at nationals. Repeatable up to 4 credits subject to graduation restrictions. Offered based on sufficient student need.

THEATRE (THEA)

THEA 1001  Theatre First Year Experience  1.00 CR
A First Year Experience course strongly recommended for all entering freshmen and transfer student with 0-24 credits. Designed to help students succeed in science and other courses, adapt to college life, and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities as well as learning what science is and some of the career paths one can take in science. FA, SP

THEA 1013  Introduction to Theatre  3.00 CR
Fulfills General Education Fine Arts requirement. Not a performance class. Emphasizes the appreciation skills needed to become a discriminating audience member of live theatre, including producing, play writing, directing, acting, designing and critiquing. Students must attend live theatre productions, and textbook readings, lecture, audio/video, demonstration, discussion, quizzes, tests, and exercises are also used. Students are required to attend live Dixie State College theatre productions. Successful completers will be more discerning and sensitive theatre audience members. FA, SP

THEA 1023  Understanding Film  3.00 CR
Fulfills General Education Humanities requirement. For all students who enjoy watching films. Explores film making techniques, aesthetic issues, film history, and the function of film criticism, using a variety of films from the Silent Era to the present. Students examine, discuss, and
write about various aspects such as plot, theme, character, and setting in order to become more discerning film viewers. Combined lecture / lab. 
FA, SP

THEA 1026 Understanding Film / FYE 4.00 CR
A First Year Experience course that also fulfills the General Education Humanities requirement. An FYE course is strongly recommended for entering freshmen and transfer students with 0-24 credits. The FYE portion is designed to help students adapt to college life and become integrated into Dixie State College. Students will refine academic skills, create and foster social networks, learn about college resources, and explore different fields of study, degree options, and career opportunities. Designed for open majors, course will include information about choosing a major or area of study. Also explores filmmaking techniques, film criticism, aesthetic aspects of film art, and thematic concepts of film in the context of viewing historical and contemporary films. Students view, analyze, discuss, and write about various aspects of film such as plot, theme, character, and setting. Combined lecture / lab. 
FA, SP

THEA 1033 Acting I 3.00 CR
Required of Theatre majors, and open to all students interested in acting. Covers basic elements of characterization, including character analysis, movement, vocal characterization, and establishment of emotion, while emphasizing performance skill development. Students prepare and perform three to six scenes in groups. Successful completers are prepared to perform in Dixie State College Theatre productions and have fulfilled the prerequisite to THEA 2033. 
FA, SP

THEA 1050 Intro Visual Arts of Theatre 3.00 CR
For students interested in a foundational understanding and appreciation of the elements of technical theatre. Covers technical components of theatre, including set, costume, makeup design, and production emphasizing design theory and appreciation. Students are required to attend live Dixie State College theatre productions. Offered based upon sufficient student need.

THEA 1113 Voice and Diction I 3.00 CR
For students preparing for majors or careers in theatre performance, radio / television broadcasting, speech therapy, and vocal music, as well as other students seeking to improve articulation and increase control of the speaking voice. Covers basic mechanics of speech production, including respiration, phonation, resonation and articulation, using Lessac methodology. Fulfills prerequisite for THEA 2113. 
FA

THEA 1150 Theatre Workshop: Performance 0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in pre professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. 
Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission. 
FA, SP

THEA 1160 Theatre Workshop: Costumes 0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre produc-
THEA 1713 Script Analysis 3.00 CR
For all students interested in an introductory course on script analysis. Required of Theatre majors. Focuses on plot, character, language, thematic analysis, and dramaticity of various historical and modern performance texts in the context of contemporary staging and performance practices.

FA

THEA 1800 Theatre Work Experience 1.00 - 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

FA

THEA 1810 Theatre Work Experience 1.00 - 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

SP

THEA 1820 Theatre Work Experience 1.00 - 3.00 CR
Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

SU

THEA 1900 Private App Theatre: Acting 1.00 CR
Private acting lessons for performance majors of other students seeking to increase skills in theatrical performance to meet personal goals or explore the theatre major. Repeatable up to 8 credits subject to graduation restrictions. Course fee required. Prerequisite: Instructor permission.

FA, SP

THEA 2033 Acting II 3.00 CR
Continues THEA 1033. For students interested in acting. Emphasizes performance skill development, and includes elements of acting with emphasis on characterization and scene study using Meisner methodology. Students prepare and perform three to six scenes in groups. Successful completers are prepared to perform in Dixie State College Theatre and other pre professional productions and have fulfilled the prerequisite to THEA 2043 and upper division “Acting Studio” courses. Prerequisite: THEA 1033.

SP

THEA 2043 Acting III 3.00 CR
Continues THEA 2033. For students interested in acting. Emphasizes performance skill development, and covers elements. Of acting, including emphasis on audition, resume, and interview preparation. Students prepare and perform four to eight scenes. Successful completers are prepared to perform in Dixie State College Theatre and other pre professional productions and have fulfilled the prerequisite to THEA 2053. Prerequisite: THEA 2033.

FA

THEA 2053 Classical Acting 3.00 CR
For Theatre students and other interested in intermediate preparation for performance of classical texts, including Ancient Greek and Shakespearean works. Emphasizes text analysis, scansion, rhetoric, speech, movement, character development, and performance techniques. Prerequisite: THEA 2043.

SP

THEA 2093 Theatre Internship I 1.00 – 4.00 CR
For Theatre students seeking to gain a deeper understanding of the demands of the profession and to enhance their ability to function in a professional environment. Emphasizes skill refinement, which can include performance, costuming, set construction, lights, sound, wardrobe, stage make up, properties, box office work, assistant directing or management, and stage management. Audition may be required for performance roles. Variable credit 1.0 – 4.0. Repeatable up to 4 credits dependent on graduation restrictions. Prerequisite: Instructor permission. Offered based upon sufficient student need.

FA, SP

THEA 2150 Theatre Workshop: Performance 0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Repeatable up to 2 credits. Prerequisite: Instructor permission.

FA, SP

THEA 2160 Theatre Workshop: Costumes 0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Repeatable up to 2 credits. Prerequisite: Instructor permission.

FA, SP

THEA 2170 Theatre Workshop: Sets 0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock,
THEA 2180 Theatre Workshop: Lights

0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 2203 Costume Construction

3.00 CR
For students interested in fundamental costume construction techniques and methods of costume staging. Focuses on hand and machine sewing skills and application to real DSC theatre productions.
FA (Even years)

THEA 2210 Scene Design I

3.00 CR
For Theatre majors and other students interested in scene design. Covers application of script analysis and director concepts to the design of scenery for theatrical productions in order to prepare students for advanced design study and potential design opportunities.
FA (Even years)

THEA 2220 Children’s Theatre

3.00 CR
For students interested in the theory and practice of theatre for child audiences, including plays, storytelling, masks, puppetry, creative dramatics, and other forms. Covers the selecting and adapting literature, producing, directing, acting, visual elements, and production support through text and literature readings as well as practical projects.
SP (Odd years)

THEA 2230 Lighting Design I

3.00 CR
Introduces students to the mechanical aspects of stage lighting. Provides a basic understanding of light energy, angle, color, and lighting technology. Also helps the actor, director, technician and designer understand functions, psychology, and practical application of lighting design in order to prepare students for advanced design study and potential design opportunities.
FA (Odd years)

THEA 2240 Costume Design I

3.00 CR
Introduces costume design and rendering, including lecture, demonstration, two dimensional rendering with graphite/watercolor and research projects culminating in a notebook of free writing, outlining the concept for each project. Prepares students for advanced design study and potential design opportunities.
FA (Odd years)

THEA 3023 Film Genres

3.00 CR
For students interested in various types and forms of film expression identified with particular traditions, which can include Western, horror, science fiction, musical, film noir, etc., through exploration of thematic and theoretical based in film viewing, analysis, and criticism. Combined lecture / lab.
FA, SP

THEA 3033 Music Studio: Music Theatre

3.00 CR
For acting students and others seeking instruction in musical theatre performance. Covers a variety of musical styles and teaches the skills and techniques needed to successfully perform them through participation in musical scene study, including acting, singing, and dancing. Those who successfully complete the course should have the experience necessary to participate in collegiate and semi professional musical productions.
SP (Odd years)

THEA 3043 Studio: Acting for the Camera

3.00 CR
For Theatre students specializing in performance. Covers film acting techniques, mechanics of filming, relationships with agents, on set etiquette, and working with a director and crew. Also includes audition techniques and scaling performance to fit the medium. Successful completers are prepared to begin auditioning for student and professional film projects.
Prerequisite: THEA 2033.
FA, SP

THEA 3113 Accents & Dialects

3.00 CR
Continues THEA 1113. Reinforces vocal health lessons while developing additional strength and versatility through study and performance of various accents and dialects, using the International Phonetic Alphabet and the Lessac methodology. Emphasizes performance skill development through scene study and performance. Successful completers are prepared to perform in Dixie State College Theatre and other professional productions.
Prerequisite: THEA 1113.
SP

THEA 3150 Theatre Workshop: Performance

0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 3160 Theatre Workshop: Costumes

0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 3180 Theatre Workshop: Lights

0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in
practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles.
Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 3223 Stage Makeup II 3.00 CR
For Theatre majors and other interested students. Covers theory and practice of 3 dimensional makeup effects through the creation and use of prosthetic appliances.
Course fee required. Prerequisite: THEA 1223.
SP (Even years)

THEA 3250 Sound Design 3.00 CR
For Theatre majors and others seeking instruction in sound design. Focuses on sound design process, practical understanding of tools and technology used in mounting a design, developing an understanding of the artistic benefits of appropriate mood generation, importance of using sound enhancement to ensure good performer audience relationships. Successful completers will be prepared to set up a basic sound system, execute minor repairs, and successfully execute a sound design.
FA (Odd years)

THEA 3260 Scene Painting 2.00 CR
For Theatre and other students interested in theory and application of basic scene painting / scenic artist techniques for theatre. Covers surface preparation, priming, base painting, blending, scumbling, texture, and tailing to produce finished demonstration flats including wall surfaces, wallpaper, bricks, rocks, wood grain and molding, marble, foliage, and copying a selected original.
Course fee required.
SP (Odd years)

THEA 3500 Sound Technology 3.00 CR
For Theatre and other students interested in learning the components of a modern theatrical sound system. Successful completers will be trained to set up and operate audio systems, including most recording and playback components.
Offered based upon sufficient student need.

THEA 3600 Directing I 3.00 CR
For Theatre students and others interested in learning basic skills of directing for professional, community, or educational theatre. Covers theoretical, practical, and principles of beginning theatre direction, including script selection and analysis, research, production organization, rehearsal structure and techniques, incorporation of design and technology elements, communication skills, and leadership. Includes practical application through staging student actors in scenes.
Prerequisite: THEA 1713.
FA

THEA 3610 Directing II 3.00 CR
For Theatre students and others interested in learning basic skills of directing for professional, community, or educational theatre. Builds on skills from THEA 3600 and applies them in staging one act plays with student actors.
Prerequisite: THEA 3600.
SP

THEA 3720 Theatre History & Literature I 3.00 CR
Required of Theatre majors, and open to other interested students. Covers the literature and development of Western Theatre from its beginnings through the Renaissance. In addition to dramatic texts, examines the impact of performance spaces, aesthetic theories, religious beliefs, and the contemporary politics of a given era on the development of drama.
FA

THEA 3730 Theatre History and Lit II 3.00 CR
This course examines the literature and historical development of Western Theatre from the Restoration to the present day. In addition to dramatic texts, students examine the impact of performance spaces, aesthetic theories, religious beliefs, and politics of a given era on the development of drama. 3 lecture hours per week.

THEA 3880 Stage Management 3.00 CR
For Theatre majors and other interested students. Introduction to the creative and administrative work of a stage manager, including forms and formats, protocols, and roles of the stage manager in a college production.
SP

THEA 4033 Acting Studio: Mask 3.00 CR
For Theatre majors specializing in performance. Covers construction and use of neutral and character masks to enhance specificity of movement, non verbal communication, characterization, and ability to project a variety of emotional states.
Prerequisite: THEA 2033.
FA (Odd years)

THEA 4043 Stage Combat 3.00 CR
For Theatre majors and other interested students. Covers basic stage combat principles, scene analysis, and presentation, including a variety of stage combat techniques including movement, hand to hand, rapier / dagger, falls, pushes and kicks.
Course fee required. Prerequisite: THEA 2033.
SP (Even years)

THEA 4093 Theatre Internship II 1.00 – 4.00 CR
For Theatre students seeking to gain a deeper understanding of the demands of the profession and to enhance their ability to function in a professional environment. Emphasizes skill refinement, which can include performance, costuming, set construction, lights, sound, wardrobe, stage make up, properties, box office work, assistant directing or management, and stage management. Audition may be required for performance roles.
Variable credit 1.0 – 4.0. Repeatable up to 4 credits dependent on graduation restrictions. Prerequisite: Instructor permission.
FA, SP

THEA 4150 Theatre Workshop: Performance 0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles.
Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP
THEA 4160  Theatre Workshop: Costumes  0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 4170  Theatre Workshop: Sets  0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 4180  Theatre Workshop: Lights  0.50 – 1.00 CR
For any student desiring to participate in Dixie State Theatre productions. Fulfills requirement for Theatre majors. Hands on experience in practical theatre skills, using actual productions as the learning laboratory. Emphasizing development of personal discipline and collaborative skills, these workshops offer students preparation for entry level in professional theatre productions (community theatre, summer stock, etc.). Credit dependent on hours committed to the production. Audition may be required for performing roles. Variable credit 0.5 – 1.0. Repeatable up to 2 credits. Prerequisite: Instructor permission.
FA, SP

THEA 4270  Stage Makeup II  3.00 CR
Course expands and builds on basic techniques learned in Stage Makeup I. It offers students a practical guide to the theory and practice of 3 Dimensional makeup through the creation and use of prosthetic appliances. Students will be required to create appliances tailored to fit their own faces via life casting and sculpting. Students will complete research assignments, demonstration, and supervised practice sessions. Prerequisite: THEA 1223. 3 lecture hours per week. Fee required.

THEA 4390  Costume History  3.00 CR
For Theatre majors and other interested students. Centers on origins and historical progression of fashion, social/cultural contexts, environmental and cross-cultural influences, period silhouettes, and dress as an art form. SP '12 (Even years)
3 lec

THEA 4410  Scene Design II  3.00 CR
For Theatre majors and other interested students. Expands and builds on basic techniques from THEA 2210. Emphasizes development of scenic design process through script analysis, period research, sketching, model making, and other related activities. Includes development of student portfolio. Prerequisite: THEA 2210. SP (Even years)

THEA 4430  Lighting Design II  3.00 CR
For Theatre majors and other interested students. Expands and builds on basic techniques from THEA 2230. Covers advanced stage design principles, including technical skills such as automated lighting and drafting programs, as well as designing for dance and film. Prerequisite: THEA 2230. SP (Odd years)

THEA 4440  Costume Design II  3.00 CR
For Theatre majors and other interested students. Expands and builds on basic techniques from THEA 2240. Includes in depth study of the elements of design and how to apply them to practical costume problems for a variety of theatre genre, focusing on modern drama, script interpretation, rendering techniques, budgets, and fabric selections. Prerequisite: THEA 2240. SP (Odd years)

THEA 4500  Sound Design  3.00 CR
For Theatre majors and other interested students. Examines styles and forms of architecture and decoration from ancient Greece to modern times, focusing on characteristics of major styles in collection with social, economic, and political history of each period. FA (Odd years)

THEA 4660  Study of Period Styles & Décor  3.00 CR
For Theatre majors and other interested students. Examines styles and forms of architecture and decoration from ancient Greece to modern times, focusing on characteristics of major styles in collection with social, economic, and political history of each period. FA (Odd years)

THEA 4890  Independent Study  1.00 – 3.00 CR
This course is designed to meet the individual needs of advanced students in the Theater Department who wish to pursue a specific focus of study related to their degree/ emphasis focus and/or research interest. Students work under close supervision by appropriate faculty in the design and successful completion of the course. The course is structured by a formal contractual arrangement with the faculty member that is submitted at the beginning of the semester in which that coursework is undertaken. Students are expected to meet with the faculty mentor each week and to provide the faculty member with progress reports and assignment development for feedback and grading purposes on an ongoing basis. Variable credit 1.0 – 3.0. Repeatable up to 6 credits subject to graduation restrictions. Prerequisite: Instructor permission. Offered by arrangement.

THEA 4980  Senior Project  3.00 CR
Capstone course requires students to demonstrate mastery of Theatre curriculum by engaging in the successful performance of a work related project and corollary research paper, artistic creation, and/or related portfolio in order to demonstrate competency in and application of theatre skills. Prerequisite: Instructor permission. FA, SP
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Description</th>
<th>Fee Required</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAV 1591</td>
<td>Air Reservations</td>
<td>1.00</td>
<td>Online course covering product knowledge, skills, terminology, planning, policies, procedures, booking, and research techniques of airline travel and non automated airline reservations. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1592</td>
<td>Ground Reservations</td>
<td>1.00</td>
<td>Online course covering basics of ground transportation products, policies, codes, pricing, and distribution for car rentals. Also includes rail travel accommodations, services, and fee structures for Amtrak, VIA Rail, BritRail, and Eurail. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1593</td>
<td>Hospitality</td>
<td>1.00</td>
<td>Online course covering basics of the hotel product, rate structure, property and room classifications, codes, published and automated resources, and non automated reservation procedures. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1594</td>
<td>Vacation Packages</td>
<td>1.00</td>
<td>Online course covering the basics of vacation tour product, components of tours, tour destinations, types of vacation packages and tours, print and electronic resources, and non automated tour booking procedures. Course fee required.</td>
<td></td>
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</tr>
<tr>
<td>TRAV 1595</td>
<td>The Cruise Market</td>
<td>1.00</td>
<td>Online course covering the cruise product, cruise classifications, destinations, and types of cruises, print resources and non automated reservations procedures. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1611</td>
<td>Automated Air Reservations</td>
<td>2.00</td>
<td>Online course in automated airline reservation systems through hands on use of RTS, a SABRE simulator, including creation of multiple passenger name records (PNRs), booking, and maintaining clients’ air travel in order to develop proficiency and improve speed. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1621</td>
<td>Destination Geography</td>
<td>3.00</td>
<td>Online course using outline maps to provide an understanding of basic geographical features in Western Hemisphere countries from a travel and tourism perspective, including climate, weather, land forms capitals, population, religion, currency, electricity, language, and tourist attractions. Course fee required.</td>
<td></td>
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<tr>
<td>TRAV 1711</td>
<td>Travel Sales &amp; Trends</td>
<td>2.00</td>
<td>Online course covering telephone business manners, listening skills, tools for targeting the traveler, successful telephone sales steps for reservation agents as well as the travel professionals working with clients one on one, and industry trends, including the use of the Web for a variety of travel resources. Course fee required.</td>
<td></td>
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</tr>
<tr>
<td>TRAV 1731</td>
<td>Air Travel: U.S. Domestic</td>
<td>2.00</td>
<td>Online course covering airfare terms, codes, airfare construction principles, and fare application rules necessary to find, interpret, and apply the lowest applicable fare to a client's air itinerary, including practicing the interpretation of multiple air transportation taxes and fees applicable to air travel. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1732</td>
<td>ARC Documents</td>
<td>1.00</td>
<td>Online course covering airline ticketing through the Airline reporting Corporation (ARC), including ticketing types, forms, policies and procedures per the ARC, as well as, forms of payment, refunds and exchanges. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1771</td>
<td>Automated Airfares &amp; Ticketing</td>
<td>1.00</td>
<td>Online course developing proficiency in automated systems through hands on use of RTS, a SABRE simulator, including creation of multiple passenger name records (PNRs), booking, and maintaining clients’ air travel in order to develop proficiency and improve speed. Course fee required.</td>
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</tr>
<tr>
<td>TRAV 1772</td>
<td>Automated Car Rental &amp; Hotel</td>
<td>1.00</td>
<td>Online course covering car rentals and hotel accommodations through hands on use of RTS, a SABRE simulator, including rates, availability, product and procedures displays, and booking reservations in order to develop proficiency and improve speed. Course fee required.</td>
<td></td>
<td>FA, SP, SU</td>
</tr>
<tr>
<td>TRAV 1800</td>
<td>Travel Work Experience</td>
<td>1.00</td>
<td>Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Course fee required.</td>
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<td>TRAV 1810</td>
<td>Travel Work Experience</td>
<td>1.00 – 3.00</td>
<td>Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Course fee required.</td>
<td></td>
<td>SP</td>
</tr>
<tr>
<td>TRAV 1820</td>
<td>Travel Work Experience</td>
<td>3.00</td>
<td>Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be assisted in locating employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits. Course fee required.</td>
<td></td>
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</tbody>
</table>
accreditation credit based upon the completion of structured learning objectives. Cooperative Education is available in all divisions. Permission must be obtained from the director of cooperative education before registration. Students are limited to four cooperative education credit courses or 12 cooperative education credits.

**TRAV 1831 Fares & Tickets International** 2.00 CR
Online course covering international air travel, including understanding the two basic international faring systems, mileage and routing, currency procedures, interpreting data found in CRS and printed faring and pricing information (international fare basis codes, base fares, taxes, surcharges, currency codes and mileage principle coding).
Course fee required. Prerequisite: TRAV 1591; AND TRAV 1731.
FA, SP, SU

**VISUAL TECHNOLOGIES (VT)**

**VT 1300 Communication Design** 3.00 CR
Required of students pursuing a Visual Technologies or Information Technology emphasis, OR a degree in Computer & Information Technology; also open to other interested students. Explores the elements of design from which advertising, computer graphics, and graphic arts are structured by building awareness and skill in creating designs, using the concepts of composition, proportion, alignment, contrasts, white space, typography, eye movement, and element control, emphasizing the value of these concepts to communicate ideas.
Course fee required.
FA, SP, SU

**VT 1400 Intro to Internet Development** 3.00 CR
Required of all Computer Science and Computer & Information Technology majors, and open to other interested students. Hands on experience in Internet development, including fundamental web development skills including writing HTML and CSS code, planning and organizing web sites, storyboarding, Internet development environments, and creating and organizing graphics for multiple types of online use. Also examines competitive online markets, technical issues, legal framework, as well as production issues associated with Internet development.
Course fee required.
FA, SP, SU

**VT 2500 Computer Illustration** 3.00 CR
Required of students pursuing a Visual Technologies or Information Technology emphasis, or a Computer and Information Technology degree, and open to other interested students. Covers intermediate design and illustration concepts and techniques. Prepares students to create original artwork usable in multimedia, Internet publishing, or desktop publishing.
Course fee required. Prerequisite: VT 1300 (Grade C or higher).
FA, SP, SU

**VT 2600 Creative Imaging** 3.00 CR
Required of students pursuing a Visual Technologies or Information Technology emphasis, or a Computer and Information Technology degree, and open to other interested students. Hands on introduction to computer photo manipulation and designing graphics on the computer, emphasizing tools and techniques used for editing and retouching photographs and creating original images with photo like qualities for use in advertising, web publishing, and interactive multimedia projects. Assignments require access to specific programs on either Macintosh or Windows platforms.
Course fee required. Prerequisite: VT 1300 (Grade C or higher).
FA, SP, SU

**VT 2700 Typography** 3.00 CR
For students pursuing an emphasis in Visual Technologies or other Computer & Information Technology degree; as well as other interested students. Covers how to use type as a basic element of graphic communication, how the use of different typefaces visually communicate a desired effect, and fundamental terminology of type specification.
Course fee required. Prerequisite: VT 2500 (Grade C or higher).
FA, SP

**VT 3000 Internet Publishing & Design** 3.00 CR
Required of students pursuing a Visual Technologies emphasis or Computer and Information Technology degree, and open to other students with advanced skills in Web development. Covers Internet publishing and design principles, including interface design, PHP scripting, intermediate and advanced HTML (Hypertext Markup Language) techniques, Cascading Style Sheets, XML (Extensible Markup Language), JavaScript, QuickTime Virtual Reality (QTVR), and other advanced web publishing tools.
Course fee required. Prerequisites: VT 2500 (Grade C or higher); AND VT 2600 (Grade C or higher).
FA, SP

**VT 3100 Interactive Multimedia** 3.00 CR
Required of students pursuing a Visual Technologies emphasis or Computer and Information Technology degree, and open to other students interested in multimedia. Introduces hardware and software used to integrate text, sound, graphics, animation, and video into rich content multimedia projects using various computer based disciplines, including graphic design, digital video, interface elements, and light OOP structured scripting. Successful students will be able to develop professionally designed interactive multimedia interfaces with rich content. Assignments require access to specific programs on either Macintosh or Windows platforms.
Course fee required. Prerequisites: VT 2500 (Grade C or higher); AND VT 2600 (Grade C or higher).
FA, SP

**VT 3200 Portfolio Preparation** 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Students solve design problems by designing for commercial media, including property typography and type as a graphic element, including project management.
Course fee required. Prerequisites: VT 2600 (Grade C or higher); AND VT 2700 (Grade C or higher).
SP

**VT 3300 Intro to Digital Video Editing** 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Introduces essentials of editing video and audio with computers, including TV/video production applications, multimedia authoring, and/or Internet video streaming. Also includes digitizing video and audio from analogue or digital sources, selecting footage from source clips, constructing transitions, titling, creating and using alpha channel or other matte techniques, plus other special effects.
Course fee required. Prerequisites: VT 2500 (Grade C or higher); AND VT 2600 (Grade C or higher).
SP
VT 3600 3 D Visualization 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Introduces three dimensional modeling and rendering techniques on the computer, including various modeling processes, defining and applying textures, assembling scenes, and rendering images; which are applicable to realistic package and product designs, as well as exciting graphics for desktop or Internet publishing projects. Assignments require access to specific programs on either Macintosh or Windows platforms.
Course fee required. Prerequisites: VT 2500 (Grade C or higher); AND VT 2600 (Grade C or higher).
SP

VT 3650 3 D Animation 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Companion course to VT 3600, covers aspects of 3D animation design, story boarding, character development, and animation rendering of 3D models suitable for broadcast or composite video use. Maya 3D software will be used to create multiple short animation projects individually and in teams. Includes rigid/soft body animation solvers, dynamic particles, deformation and effects fields, IK/FK rigging, and multi frame rendering output, use of keyframes, ease in/ease out controls, the timeline, realistic modeling techniques, set lighting, shadows, multi layer surfacing, photorealistic rendering, and video formats for final output.
Course fee required. Prerequisites: VT 3600 (Grade C or higher).
FA

VT 3700 Business for Graphic Designers 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Covers business procedures and practices related to graphic design, including professional / client relationships, time management, job cost analysis, contracts, general business management skills, marketing and business planning.
Course fee required. Prerequisite: VT 1300 (Grade C or higher). Offered based upon sufficient student need.

VT 3710 Advanced Typography 3.00 CR
For students pursuing an emphasis in Visual Technologies, as well as other interested students. Covers typography as a functional and experimental medium. Students develop typographic solutions that explore verbal/visual messages in designs for publication through design problem solving for a diverse range of specifications, including audience, client needs, and budget constraints, using traditional and digital tools.
Course fee required. Prerequisite: VT 2700 (Grade C or higher).
FA

VT 3750 Graphic Design History 3.00 CR
For students pursuing an emphasis in Visual Technologies, as well as other interested students. Thematic approach to Graphic Design history, including pioneering designers, design from other cultures and countries, graphic design artifacts, and the historical context for these topics. Projects, discussions, and written assignments will build critical thinking skills.
Course fee required. Prerequisite: VT 2700 (Grade C or higher). Offered based upon sufficient student need.

VT 3780 Prepress & Print Production 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Covers the impact of desktop publishing and digital imaging on the prepress industry, including input and output, correct creation of digital files, data storage, proofing methods, relevant terminology, and communication with prepress and printing professionals. Field trips to printers and other prepress service providers reinforce lectures and projects.
Course fee required. Prerequisites: VT 2500 (Grade C or higher); AND VT 2600 (Grade C or higher).

VT 3800 Corporate Identity 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Explores the history, psychology and purpose of corporate identity programs and the role of communication design in the current corporate environment by analyzing, investigating, and reporting on current company corporate objectives and target markets and then designing a sound multifaceted identity program.
Course fee required. Prerequisite: VT 2500 (Grade C or higher).

VT 4000 Dynamic Web Development 3.00 CR
Required of students pursuing a Visual Technologies emphasis, or a Computer and Information Technology degree; and open to other interested students. Covers dynamic web development using PHP and MySQL, including basic scripts and functions, variables, form processing, server side includes, web database integration, database design, database driven web sites, security, and web management systems.
Course fee required. Prerequisite: VT 3000 (Grade C or higher).
FA

VT 4010 Interactive Web Development 3.00 CR
For students pursuing a degree in Computer Science or Computer Information Technology. Also open to other interested students. Covers client side JavaScript web development, including form validation, interactive web page development, DOM manipulation, client side applications, and interaction with server side applications.
Course fee required. Prerequisites: CS 1410 (Grade C or higher); AND VT 3000 (Grade C or higher).
FA

VT 4100 Adv Multimedia/Internet Integr 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Covers integration and application of multiple media with appropriate delivery systems with emphasis on real world projects using the full repertoire of graphics software to develop portfolio projects. Successful completers will create high production value, content rich projects.
Course fee required. Prerequisite: VT 3100 (Grade C or higher). Offered based upon sufficient student need.

VT 4600 Senior Project 3.00 CR
Required of students pursuing an emphasis in Visual Technologies. Emphasizes application of skills to commercial projects through design of or contribution to various private sector or college Internet projects, print, and multimedia projects. Includes portfolio development.
Course fee required. Prerequisites: Senior standing.
SP

VT 4700 Publication Design 3.00 CR
For students pursuing an emphasis in Visual Technologies; also open to other interested students. Explores creative, functional, and aesthetic aspects of editorial design with emphasis on page layout in order to understand the significance of consistency and thematic continuity; develop aesthetic awareness; integrate design principles, color and typographic theory; develop visual judgment in the arrangement of type and images
to effectively convey visual messages. Course fee required. Prerequisites: VT 2600 (Grade C or higher); AND VT 2700 (Grade C or higher).

**VT 4750 Package Design** 3.00 CR

For students pursuing an emphasis in Visual Technologies; also open to other interested students. Application of design principles in 3 D form by creating containers for a variety of products; emphasizes promotion, point of purchase, impact, construction, display, and design function of the design while understanding market studies on design impact and effectiveness through the production of 3 D prototypes. Course fee required. Prerequisites: VT 2600 (Grade C or higher); AND VT 2700 (Grade C or higher).

**VT 4900 Independent Research** 1.00 – 3.00 CR

For students pursuing an emphasis in Visual Technologies with advanced standing who wish to pursue a specific focus of study related to their degree emphasis and/or research interest not otherwise available in the current Visual Technologies curriculum. Students are closely supervised by appropriate faculty in the design and successful completion of the course. The course is dependent upon a formal contractual arrangement with the faculty member that is submitted at the beginning of the semester in which coursework is undertaken, and is contingent upon the department chair’s approval. Students meet with the faculty mentor each week and provide progress reports for feedback. Students are required to meet the college requirement of 45 hours of work per credit. Variable credit 1.0 – 3.0. Repeatable up to 6 credits subject to graduation restrictions. Course fee required. Prerequisite: Instructor permission. Offered by arrangement.

**VT 4910 Senior Graphic Design Exhibit** 3.00 CR

Required of students pursuing an emphasis in Visual Technologies. Under instructor, students collaborate to plan, design, and host an exhibit or a self-promotion project which features their work to members of the design community with the goal of gaining post graduation employment. Course fee required. Prerequisites: Senior standing; AND Instructor permission. Offered based upon sufficient student need.

**VT 4920 Internship** 1.00 – 3.00 CR

Internship course in Visual Technologies. Course fee required. Variable credit 1.0 – 3.0. Repeatable up to 6 credits subject to graduation restrictions. Prerequisite: Instructor permission. Offered by arrangement.

**VT 4990 Seminar in Visual Technologies** 0.50 – 3.00 CR

For students wishing instruction that is not available through other regularly scheduled courses in this discipline. Occasionally, either students request some type of non traditional instruction, or an unanticipated opportunity for instruction presents itself. This seminar course provides a variable credit context for these purposes. As requirements, this seminar course must first be pre approved by the department chair; second, it must provide at least nine contact hours of lab or lecture for each credit offered; and third, it must include some academic project or paper (i.e., credit is not given for attendance alone). This course may include standard lectures, travel and field trips, guest speakers, laboratory exercises, or other nontraditional instruction methods. Note that this course in an elective and does not fulfill general education or program requirements. Feas may be required for some seminar courses and instructor permission will be optional at the request of the instructor.

NOTE: The following courses are approved seminar courses with the same course description: ART 2990-2991, ART 3990, ART 4990, ASL 2990, BIOL 2990, CHEM 2990, CIS 2990, CJ 2990, COMM 2990, COMP 2990, CS 4990, DANC 2990, ECON 2990, EDUC 2990, EDUC 3990, EDUC 4990, ENGL 2990, ENGL 3990, ENGR 2990, FCS 2990, FREN 2990, GCOM 2990, GEO 2990, GEG 2990, GERM 2990, HIST 2990, HUM 2990, JAPN 2990, MATH 2990, MILS 2990, NFS 2990, PEHR 2990 – 2996, PHIL 2990, PHYS 2990, POLS 2990, SOC 2990, SPAN 2990-2991, SSC 2990-2991.
ALUMNI ASSOCIATION

Location: Stephen and Marcia Wade Alumni House
Director: Kalynn Larson
Email: larson@dixie.edu
Phone: (435) 652-7535
Website: http://www.dixie.edu/alumni/alumniandfriends/index.php

The Alumni Association of Dixie State College is a extraordinary group of 30,000 individuals across the United States and in Japan. Everyone who has attended Dixie State is a member of the alumni association whether or not they graduated from DSC. There are no membership fees or dues charged to belong to the association.

The Dixie State Alumni Association exists to preserve and promote the “Dixie Spirit” throughout the community and the world. This is done through chapters in various parts of the country where all alumni are invited to meet together to be updated about what is happening at the college, renew their Dixie Spirit and network with other alumni in a particular area.

Homecoming and D-Week are filled with traditions that have existed for many years and as we near the celebration of our 100 years as an institution we hope these traditions will continue for the next 100 years.

The Alumni Office is located in the Stephen and Marcia Wade Alumni House at 684 E. 500 S. across the street from Hansen Stadium. The Alumni House is also the home of the Student Alumni Association (SAA). The purpose of the Dixie State College SAA is to assist in creating true relations between the students and alumni. This is accomplished through projects in order to help foster these relationships. The SAA is a council of students who work in conjunction with the Alumni Board to promote the Dixie Spirit, keep traditions alive, and promote the college.

BOOKSTORE

Location: Gardner Center (2nd Floor)
Director: Randy Judd, Executive Director Auxiliary Services
Phone: (435) 652-7644
Website: http://bookstore.dixie.edu

The Dixie State College Bookstore is a convenient student source for textbooks, general books, educational supplies, and a wide variety of calculators, office, and school and art supplies. The bookstore is the only source for official DSC Red Storm clothing. The Computer Department offers educational discounts on software and computer supplies. Great savings are available for students on APPLE Computer products as the bookstore is an Approved APPLE Campus Store. This modern 8,000 square foot retail store is located on the 2nd floor of the Kenneth N. Gardner Student Center.

CAMPUS COMPUTING LABS

Location: Smith Computer Center
Administrator: Gene Mosteller
Email: gmos@dixie.edu
Phone: (435) 652-7947

There are two major computer labs on the DSC campus: the Smith Computer Center and the Library Computer Lab, and smaller computer labs in other buildings. Students log in to computers in all labs using their student Dixie ID accounts (same ID and PIN as Dmail).

The Smith Computer Center is the largest computer lab on campus with a 153 computer stations available for students use. As of Fall 2010, all computers in this lab run the Windows 7 operating system. Also within this lab is the Testing Center for the CIS courses taught on campus and there are 21 computer stations within that area of the lab. The Lab is staffed with a Lab Assistant and at varying time and at various times of the day CIS faculty also assist students. The Smith Computer Center also has three computer classrooms just off the main lab area. These classrooms all have 26 computer stations available for classes and/or student use when not scheduled with classes.

During Fall and Spring Semester, the Smith Computer Center hours are:

- Monday – Thursday 7:00 a.m. – 11:00 p.m.
- Friday 7:00 a.m. – 6:00 p.m.
- Saturday 9:00 a.m. – 5:00 p.m.

Hours during Summer Semester and between semesters differ.
The Browning Library Computer Lab is located in the basement. It contains 43 computer work stations with a Lab Assistant available during most hours of operation.

During Fall and Spring Semester, the Smith Computer Center hours are:

- Monday – Thursday  8:00 a.m. – 11:00 p.m.
- Friday    7:00 a.m. – 6:00 p.m.
- Sunday    3:30 p.m. – 9:00 p.m.

Hours during Summer Semester and between semesters differ.

CAMPUS RECREATION

Location:  Eccles Fitness Center, Student Activity Center
Director:  Christian Hildebrandt
Email:  hilde_c@dixie.edu
Phone:  (435) 652-7989
Website:   http://www.dixie.edu/rec

Dixie State College has a very active Campus Recreation program with over 4,000 students participating. Campus recreation provides five areas of emphasis on campus to meet student’s recreational needs. These areas are Fitness Center, Intramural Sports program, Outdoor Recreation, The Student Activity Center, and Aquatics. Each of these areas offers opportunities and activities for students to either participate or get involved in some way in campus life. There are also outdoor basketball hoops, open field space, and tennis courts for student’s impromptu use. Employment opportunities are also available for students in campus recreation.

Fitness Center
The Fitness Center is geared toward the students of Dixie State. The Fitness Center offers students the opportunity to increase their cardiovascular fitness, flexibility and strength by using the latest state-of-the-art Cybex machines, treadmills, elliptical machines, bikes, and free weights. Semester memberships are available or students can also enroll in PEHR 1088 to receive credit for working out.

Intramurals
The Intramural Sports program offers a wide variety of individual, dual, and team sport activities. Intramural leagues and tournaments are open to every current DSC student or faculty/staff member. There are multiple skill levels, so if you are a first time player looking to learn a sport or a former high school athlete looking to stay physically active and competitive, we have programming for you! Stop by the Intramural office located in the Southeast corner of the Student Activity Center (SAC) to learn more or visit our website at http://www.dixie.edu/intramurals or call at (435) 879-4263.

Outdoor Recreation
The Outdoor Recreation & Adventure Center (ORAC) provides Dixie College with a variety of activities ranging from hiking, rock climbing, to even mountain biking. The ORAC provides 6-8 outdoor adventures for students, faculty, staff, and even the public per semester. These outings allow individuals to experience the splendor and glory of Southern Utah with the assurance of safety through guided exploration. The ORAC also provides equipment rentals, which can either outfit one for their own adventure, or provide missing articles to complete one’s own equipment supply. For any questions check out our website at http://www.dixie.edu/odr or contact us at (435) 652-7986.

Student Activity Center
The Student Activity Center (SAC), located in the Old Gym, is the hub of campus life and a central location for a variety of campus services. We provide an inviting, accessible, vibrant facility designed primarily for our students, and visitors to enjoy the wide variety of activities from ping-pong to pool and volleyball to basketball and a array of other fun activities. We also have a variety of lounges with large screen TVs, excellent study areas with soft furniture, and wireless Internet connectivity for DSC students. The Student Activity Center also houses the college’s Intramural and Outdoor Recreation programs. Stop by and enjoy all that the Student Activity Center has to offer.

Aquatics
The Dixie State College Pool, located just north of Hansen Stadium, is part of the Fitness Center facilities. The pool is a full-functioning aquatics center, providing students the opportunity to enjoy and recreate in a 6-lane 25-yard length pool, with a spectacular view overlooking the football stadium. Students are able to obtain an aquatic membership by semester or enroll in any of the aquatics courses offered. Activities provided are lap swim, open swim time, water aerobics, intramural activities, Triathlon training clinics, pool rentals, etc. Courses taught in the pool are Beginning and Intermediate Swimming, Beginning and Intermediate Water Aerobics, SCUBA, and Lifeguarding.
CAREER CENTER

Location: Career & Financial Aid Bldg.
Director: Kathy Kinney
Phone: (435) 652-7737
Email: kinney@dixie.edu

The Career Center provides up-to-date resources and services to help make the difficult decisions of choosing a major and a career. The services are free and available to students and to the community. The Career Center offers a variety of career exploration materials and has a library of books and resources for effective job-hunting. Career advising, career assessments, resume review and mock interviews are also available. The Career Center hosts the annual campus Career Day and the Employment Fair.

Student Employment

Many students work part-time or full-time while attending college. The Career Center offers various forms of assistance to students seeking employment. Current job openings are available on the job board and on the internet. Career advising, career assessments and labor market information is available to help individuals decide on specific occupations.

Employers may use the Career Center to post jobs, to recruit on-campus, to access interview rooms, and to attend the annual Employment Fair.

COOPERATIVE EDUCATION

Location: Career & Financial Aid Bldg.
Director: Karl Hutchings Jr.
Email: hutching@dixie.edu
Phone: (435) 652-7668

Cooperative Education relates the classroom to the employment community. Those with a designated major and a vocational or career interest may be encouraged to locate employment that relates to classroom studies. If a student has approved employment, they may be eligible for academic credit based upon the completion of structured learning objectives. Cooperative Education is available in most majors and areas of study, but is also available for students who are uncertain about their major and who want to explore their options. Permission must be obtained from the director of cooperative education before registration.

General Cooperative Education (Coop 1800, 1810, 1820, 1.0-3.0 Cr) is open to all students who are working but undecided in a major and or want to explore different types of work and receive on the job training. Eagerness, dependability, willingness, attitude, and human relation goals will be set along with other skills that would transfer to most any career or field of work. Students in all Co-op classes meet with the instructor and employer at the beginning of the course to determine objectives, number of credits hours, hours to work, and to sign a work agreement form.

DISABILITY RESOURCE CENTER

Location: Career & Financial Aid Bldg. (lower level, next to Testing Center))
Email: drc@dixie.edu
Phone: (435) 652-7880
Web: www.dixie.edu/drcenter

The Disability Resource Center (DRC) provides accommodations for students with disabilities who need assistance with educational, physical and/or program accommodations while pursuing their education. Students are encouraged to complete an application for the DRC and provide qualified medical and/or psychological documentation of their disabilities. Services are designed to accommodate the limitations of the disability and are approved on an individual basis, as well as reevaluated each semester. DRC is also available for consultation and assistance to faculty and staff. Please refer to our website for complete information about services and procedures: http://www.dixie.edu/drcenter/.

FIRST YEAR EXPERIENCE (FYE)

Coordinator: Sarah Black
Office: 121 Science Bldg.
Email: smblack@dixie.edu
Phone: (435) 652-7759
See your Academic Advisor to learn more about FYE. The First Year Experience Program (FYE) consists of a selection of courses designed for incoming freshmen students. All degree-seeking students who come to Dixie State College are strongly encouraged to take one of these courses during their first year of college.

Three types of FYE courses are available – discipline-specific courses, open major courses, and courses for specific groups. Discipline-specific courses are taught by many departments across campus, and are intended for students who know what area of education they would like to pursue, as well as those who are leaning towards an area and would like to find out more about it. Open major courses are intended for students who haven't yet formed an educational goal. There are also courses (or sections) specifically designed for international students, student athletes, and students in the TRiO program. All FYE courses are one credit hour, which will count toward electives needed for graduation.

If all sections of the FYE course a student desires to take are full, he or she has the options of choosing another FYE course or waiting until the spring, when most courses will be offered again. Students who plan to attend school for only one semester before going on entering church service, military service, or the Peace Corp are advised to take an FYE course after they return and are ready to fully enter into their educational journey.

The purpose of the First Year Experience Program is to increase student retention and success. Many other colleges across the nation have found that having an FYE course is of great benefit to students, and Dixie State College wants to offer that benefit to our students as well. In addition to choosing or finding out about a major, the course covers topics in getting to know Dixie State College, dealing with the challenges of student life, and critical skills needed for academic success.

As coordinator of the First Year Experience Program, I invite all incoming freshmen to register for an FYE course and take full advantage of this opportunity to get your college career off to a running start. Many students struggle with the transition from high school or the job world to college, and this class can help you to make that transition successfully. If you go into it with a good attitude, ready to learn, attend class, and do the assignments you are asked to do, you'll come out with the information, skills, and connections you need to succeed in college. If a student changes his or her major, the FYE course does not have to be repeated.

Research has shown that students who participate in an FYE course perform better in college and have a higher rate of persistence toward graduation. Some of the things you can expect to do in an FYE course are:

- find out about a major will help you know what to look for in other majors if you change your mind
- adapt to college life
- become integrated into DSC
- refine academic skills
- create and foster social networks
- learn about college resources
- explore fields of study, degree options, and career opportunities
- provide you with the resources you need to succeed in your college career
- develop a degree plan

FYE Curriculum

1. Finding or finding out about a major or area of interest, including the value of education, General Education, degree and career options, graduation plan, and discipline-specific topics.
2. Getting to know Dixie State College: campus locations, student government, campus resources, campus procedures, student rights and responsibilities, co-curricular activities, Service Learning, dropping classes, and final exams.
3. College Life: transition to college life, campus safety, time management, health and wellness, dealing with stress, handling finances, diversity, networking, and staying motivated.
4. Academic Success: deciphering a syllabus, how to read a textbook, how to talk to your professors, note-taking skills, effective studying, test-taking strategies, academic honesty, critical thinking, learning styles, and college writing.

FALL 2010 / SPRING 2011 FYE Courses (subject to change as needed)

Open Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Intended for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASC 1001</td>
<td>any students in general studies, undeclared majors</td>
</tr>
<tr>
<td>THEA 1026</td>
<td>students in general studies who wish to consider these topics through the medium of film</td>
</tr>
<tr>
<td>INTS 1001</td>
<td>any students in general studies, especially those interested in the Integrated Studies degree</td>
</tr>
</tbody>
</table>

Discipline-Specific Courses
### Courses for Specific Student Populations

<table>
<thead>
<tr>
<th>Course</th>
<th>Intended for</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASC 1001 (specific section)</td>
<td>International Students</td>
</tr>
<tr>
<td>PEHR 1001</td>
<td>Intercollegiate Athletes, Physical Education, Recreation Management</td>
</tr>
<tr>
<td>SSS 1001</td>
<td>Students accepted into the TRiO program</td>
</tr>
</tbody>
</table>

### HEALTH & WELLNESS CENTER

**Location:** 110 Student Activities Center (Old Gym)
**Coordinator:** Barbara Johnson
**Hours:** Monday – Friday 9:00 a.m. – 4:00 p.m.
**Email:** johnsn_b@dixie.edu
**Phone:** (435) 652-7755
**Website:** [http://www.dixie.edu/wellness/](http://www.dixie.edu/wellness/)

**Mission Statement**

The Dixie State College of Utah Health & Wellness Center Mission is to enhance the health and well-being of students, faculty, and staff. We strive to provide confidential and accessible assistance to those who seek help; and this is achieved by utilizing specific areas of health development: Physical, Emotional, and Intellectual.

**Location**

Enter at the northeast corner door in the back of the Student Activities Center (Gymnasium), and turn to your right (room 110).
For Students
For students who do not have health care insurance, we offer vouchers to InstaCare allowing a student to be seen by a doctor. For students who find themselves with a mental health need, we refer those students to a counselor at either Kolob Counseling or Counseling Services of Southern Utah.

Alcohol, Tobacco, & Other Drugs
The Alcohol, Tobacco, and Other Drug policy can be found on the Health & Wellness website. It is recommended that all students read this policy. For those students who find themselves being cited for the use of any of the above there are education sessions taught at the Health & Wellness Center.

HOUSING AND RESIDENT LIFE

Associate Director: Seth Gubler
Office Hours: 8:00 a.m. – 5:00 p.m., Monday – Friday
Email: housing@dixie.edu
Phone: (435) 652-7570

Dixie State College offers on-campus housing facilities to meet the needs of both single students and students with families. To be eligible for on-campus Student Housing, students must be enrolled in at least nine (9) credit hours. Applications can be found online at www.dixie.edu/housing.

Single Student Housing at Dixie State College provides suite-style and apartment-style resident living units. Single Student Housing facilities are close to most classes, have live-in student staff members, and are monitored by Dixie State College’s Campus Security Department. Student staff members serve residents as referral agents to Campus resources, mediators in resolving conflicts, and friends as they build rapport with residents and facilitate an array of social and educational programs. The Housing and Resident Life Office endeavors to provide a safe, fun, and educational environment conducive to student success.

Family Student Housing at Dixie State College is available to married couples (with or without children) and single parents with children. Family Student Housing’s Abby Apartments features three bedrooms, one bathroom, and on-site laundry facilities. Family Student Housing’s Dixie View Apartments have three bedrooms, one-and-a-half bathrooms, and washer and dryer hook-ups. Campus Security personnel monitor the Family Student Housing areas, and a Resident Manager works closely with residents to address facility issues and other concerns germane to family community living. Residents of Family Student Housing enjoy a safe and clean family living environment.

For further information (e.g., rates, deadlines, rules and regulations, etc.) regarding on-campus Student Housing at Dixie State College, please contact the Housing and Resident Life Office at (435) 652-7570, or go online to www.dixie.edu/housing.

HURRICANE EDUCATION CENTER

Director: Becky Smith, Associate Dean of Academic Outreach (435) 652-7912
Center Telephone: (435) 652-7910
Website: www.dixie.edu/hurricane/index.php

The Hurricane Education Center is located at 112 South 700 West in Hurricane, Utah. The facility contains 8 classrooms including a computer classroom. The facility hosts an average of 16 courses per semester with around 400 enrollees. The facility also has a Testing Center for students enrolled in HEC courses as well as courses from the main campus for students who live in the Hurricane area.

INTERCOLLEGIATE ATHLETICS

Athletic Administration

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jason Boothe</td>
<td>Athletic Director</td>
<td><a href="mailto:boothe@dixie.edu">boothe@dixie.edu</a></td>
<td>(435) 652-7526</td>
</tr>
<tr>
<td>Mo Eckroth</td>
<td>Assoc. AD/Compliance/SWA</td>
<td><a href="mailto:eckroth@dixie.edu">eckroth@dixie.edu</a></td>
<td>(435) 652-7569</td>
</tr>
<tr>
<td>Kyle Wilson</td>
<td>Asst. AD/Head Athletic Trainer</td>
<td><a href="mailto:kwilson@dixie.edu">kwilson@dixie.edu</a></td>
<td>(435) 652-7980</td>
</tr>
<tr>
<td>Jeff Cluff</td>
<td>Operations Coord./Media Relations</td>
<td><a href="mailto:cluff@dixie.edu">cluff@dixie.edu</a></td>
<td>(435) 652-7525</td>
</tr>
<tr>
<td>Ali Threet</td>
<td>Community Engagement</td>
<td><a href="mailto:threet@dixie.edu">threet@dixie.edu</a></td>
<td>(435) 879-4295</td>
</tr>
<tr>
<td>Randy Jasmine</td>
<td>Faculty Athletic Representative</td>
<td><a href="mailto:jasmine@dixie.edu">jasmine@dixie.edu</a></td>
<td>(435) 652-7811</td>
</tr>
</tbody>
</table>
### Women’s Sports

<table>
<thead>
<tr>
<th></th>
<th>Men’s Sports</th>
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<tbody>
<tr>
<td>Basketball</td>
<td>Baseball</td>
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<tr>
<td>Soccer</td>
<td>Basketball</td>
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<tr>
<td>Softball</td>
<td>Football</td>
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<td>Tennis</td>
<td>Golf</td>
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<tr>
<td>Volleyball</td>
<td>Soccer</td>
</tr>
<tr>
<td>X-Country</td>
<td>X-Country</td>
</tr>
</tbody>
</table>

- **Football**
  - Head Coach: Scott Brumfield  
    - brumfield@dixie.edu  
    - 435-652-7782
- **Women’s Basketball**
  - Head Coach: Angela Kristensen  
    - kristensen@dixie.edu  
    - 435-652-7920
- **Men’s Basketball**
  - Head Coach: Jon Judkins  
    - judkins@dixie.edu  
    - 435-652-7781
- **Baseball**
  - Head Coach: Mike Littlewood  
    - littlewood@dixie.edu  
    - 435-652-7530
- **Softball**
  - Head Coach: Randy Simkins  
    - rsimkins@dixie.edu  
    - 435-652-7543
- **Women’s Soccer**
  - Head Coach: Linda Huddleston  
    - lhudd03@dixie.edu  
    - 435-652-7531
- **Men’s Soccer**
  - Head Coach: Danny Ortiz  
    - dortiz@dixie.edu  
    - 435-652-7787
- **Women’s Volleyball**
  - Head Coach: Gregg Jensen  
    - giensen@dixie.edu  
    - 435-619-0715
- **Men’s Golf**
  - Head Coach: Reed McArthur  
    - mcarthur@dixie.edu  
    - 435-668-3866
- **Women’s Tennis**
  - Head Coach: Eric Pelton  
    - pelton@dixie.edu  
    - 435-773-2002
- **Cheerleaders**
  - Head Coach: Kristi Shaw  
    - shaw@dixie.edu  
    - 435-757-1155
- **Dance Team**
  - Head Coach: Kori Esplin  
    - kori@esplin.net  
    - 435-619-7552
- **Men’s & Women’s Cross Country**
  - Head Coach: LaNay Larson  
    - llarson@dixie.edu  
    - 435-652-7921

Dixie State College of Utah has been a member of the National Collegiate Athletic Association (NCAA) Division II since the 2006 transition from junior college competition. DSC is a member of the Pacific West Athletic Conference in all sports except Football, which is a member of the Great Northwest Athletic Conference. Each year 280-300 students participate in Intercollegiate Athletics, and many more get involved through attendance at games, matches, and other events.

Since the transition to D-II, DSC has had much success in a short time. The Women’s Soccer and Men’s Basketball teams won 2009-2010 conference championships in their respective sports and competed in their first post-season event. In 2009 the Softball team made it to the NCAA National Championships and finished in sixth place, and the Men’s golf program finished 13th at their National Tournament.

### Facilities

- **Burns Arena (Basketball)** seats 4,779 people and was built in 1986. It is one of the finest venues in DII and has already hosted a nationally televised game on 1/3/09 on CBS TV.
- **Hansen Stadium (Football & Soccer)** seats nearly 5,000 people and was built in 1983. The field turf was installed in 2004.
- **Hurst Field (Baseball)** seats nearly 2,200 people was built in 1995, and is known as one of the collegiate facilities in the West.
- **Old Gym (Volleyball)** seats nearly 1,000 people and was built in 1956. It was home to the basketball team until 1985.
- **Karl Brooks Field (Softball)** seats 250 people and was built in 1992 in a joint venture with Saint George City. In 2007 a state of the art clubhouse was built kind donations from many people with the community.
- **Green Valley Spa (Tennis)** The world-renowned spa is home to the Vic Braden Tennis School, which kindly allows the DSC Tennis teams to call their courts home.
- **Sunbrook Golf Course (Golf)** This 27-hole course is home to the men’s golf team.
LIBRARY

Dean / Director: Daphne Selbert
Circulation Desk: (435) 652-7714
Reference Desk: (435) 634-2081
Special Collections: (435) 634-2087
Website: http://library.dixie.edu

The Val A. Browning Library at Dixie State College of Utah is “Information Central” for students, faculty, and staff. In its building on campus and with its presence through the Information Portal on the Web (http://library.dixie.edu), the Library provides comfortable access to information resources for the campus community.

The three-story library building houses over 100,000 print items, over 10,000 audiovisual titles, and almost 200 print periodicals (magazines, journals and newspapers). Materials are primarily selected to support DSC associate and baccalaureate degree programs, but the Library also has a collection of recreational reading materials. These include a strong collection of DVDs and video recordings, music CDs, and audio books in CD and cassette formats. There is also an extensive collection of juvenile material and a Curriculum Collection that support students in the Education program. The Special Collections area on the second floor features rare books, local histories, material on Utah’s Dixie, the Arizona Strip, the Big Muddy Region of Nevada and Dixie State College archival materials (including old yearbooks), and a unique collection of Oral Histories.

The building is an information home for the campus, with comfortable furniture, an information commons with 50 computers located near the reference desk, a computer lab located in the basement, a special collaborative learning area, group study rooms, areas for quiet study, and leisure furniture for more relaxed study. Reference librarians are available to support research and information needs. Circulation staff assist library users in checking out materials and assist with materials on Course Reserve. The library is open more than 90 hours each week during the fall and spring semesters. Hours are posted on the library website: http://library.dixie.edu. Materials may be checked out using a DSC student ID card or special community borrower card.

The Library’s online access is available 24 hours a day. Through the Library homepage, users have access to the Library catalog. In addition to listing the print materials in the collection, the catalog provides access to more than 50,000 titles in the Library’s e-book collections. There are also almost 100 online databases that provide access to articles in more than 25,000 periodicals (journals, newspapers, magazines), and numerous online subject encyclopedias and reference sources. If students, faculty, and staff are unable to find material in the Library’s print or online collections, they may request materials through ILLIAD, the online interlibrary loan system.

Library Hours (Fall and Spring Semester)

Monday – Thursday  7:30 a.m. – 11:45 p.m.
Friday    7:30 a.m. – 6:45 p.m.
Saturday   12:00 p.m. – 6:45 p.m.
Sunday    3:00 p.m. – 9:45 p.m.

[Summer and break hours are posted on the library web page]

Special Collections: Open by appointment

LIB 1010: Information Literacy

The Library supports an online one-credit course required of all students in degree programs. The purpose of the course is to provide information literacy skills and knowledge that will support student needs for information access, and evaluation of information and effective use of information to meet their research and academic needs. Students access the course through Blackboard Vista, the campus online course management system.

There is no required orientation program for LIB 1010, but librarians at the Reference Desk are available to assist students in getting started in the course and who can answer questions at any stage in the course. The course consists of 8 modules with scheduled deadlines for completion, and a final exam. It may be completed as quickly as the student progresses through the material, but students must meet deadlines for assigned modules. The syllabus is posted on the Library Home page.

MULTICULTURAL / DIVERSITY CENTER

Location: Lower level (basement) of Old Gym Bldg.
Phone: (435) 652-7733
Website: http://www.dixie.edu/diversity/

The Multicultural/Diversity Center (MCDC) is a student support service established to increase cultural diversity at Dixie State College via the recruitment and retention of students from diverse backgrounds and the enrichment of campus life through cultural and awareness activities.
The MCDC accomplishes this goal through scholarship opportunities, community outreach, academic advisement, and cultural club participation.

The MCDC operates under the principle that every person's unique life experiences enrich campus life and add a profound element to a true education. We invite ALL DSC students to participate in the MCDC events, to promote diversity and to celebrate their own cultural identities as well as those of others. Again, the MCDC is open to all students, while we particularly focus on supporting DSC multicultural students. Please take your time to explore our Website, and feel free to contact us with any questions, concerns or suggestions. We also invite you to stop by the MCDC to further see how we can be of benefit to you.

Services offered:
- Advisement: Help with financial aid and/or finding scholarships
- Mentoring: Student advocacy & adjustment, Tutoring services, Training peer advisors, Leadership development
- Academic Advisement: Helping individuals apply to DSC, Assistance registering for classes, Class scheduling assistance
- Orientation: Program orientation, New student orientation, Recruitment of students of color, College preparatory workshops for multicultural high school students and their families
- Personal Counseling: Helping with educational problems; Cultural & ethnic issues; Diversity issues related to race, gender, age, religion, sexual orientation, etc.
- Social Activities: Multicultural/Diversity Weeks during Fall and Spring semesters, Polynesian Student Club, Black Student Association, Pride Club, Native American Student Club, Hispanic Student Association, and more!

PARKING (Campus Security / Police)

Location: 300 S. 800 E. (Security Office)
Director: Don Reid
Email: reid@dixie.edu
Website: http://www.dixie.edu/publicsafety/parking_services.php
Phone: (435) 652-7515
Cell phones: (435) 619-1144 or (435) 652-1145
For Emergencies: Call 911

All motor vehicles parked on the DSC campus must:
- Be duly and properly licensed
- Bear a valid DSC parking permit.

To purchase a student parking permit (valid July 1 – June 30):
1. Bring license plate number to Cashier’s Office (2nd floor SSC)
2. Pay $20 for each permit.

There are more than 2,160 total "general parking" stalls available to students, faculty, and staff on campus. They are designated by white pavement striping. Vehicles without a valid DSC parking sticker will be issued citations.

In addition, there 325 reserved faculty/staff parking stalls. These "reserved parking" stalls are indicated by freestanding signs and/or yellow pavement striping. Many of these reserved areas will also be designated by a horizontal yellow stripe at the top of the stall (meaning that an individual would be required to drive over the line in order to enter that particular parking space). Vehicles without a valid DSC faculty/staff parking sticker will be issued citations.

There are also 99 handicap and disabled persons parking stalls will be marked by the typical insignias. Vehicles must display a clearly visible valid handicap insignia.

Other reserved areas are fire lanes, motorcycle parking stalls, drive-lanes (individually marked or not), and sidewalk access ramps. Each of these areas carry separate fines for violations. Citations may also be issued for parking or driving on a sidewalk or lawn.

Frequently Asked Questions

Why do we have to have parking permits?
It helps us to distinguish between Faculty and Staff, students, and Visitors. Window permits allows us to enforce the reserved areas and keep them open for those who need them. They also allow us to identify individual vehicles for the purpose of providing security to those on campus as well as to provide courtesy services. After printing and shipping, all revenue from the cost of the permit is used to augment the cost of maintenance, control, and enforcement of parking rules.

What happens if I get a ticket and don't pay it?
Each citation is entered into a computer database that tracks them and from they don't just go away. If a citation is not cleared by payment or appeal within 10 calendar days of issue a $20 late fee will automatically be attached. If the citation is not cleared within 14 days after the end of a semester, they go to a delinquent fines list. Any further registration attempts by the student will be blocked, and transcripts will be held in suspension until all fines are paid in full. If the owner/driver of a vehicle is not a student, the citation may be reissued as a St. George Police Department citation. Do not let a parking or traffic citation go unanswered: later consequences are far greater than initial sanctions.

**How do I appeal a citation?**
The first step in appealing a citation is to make contact with the director of campus security/police. You will need to appear in person at the service window of the security office located at 300 South 800 East, and you will need to have the citation with you at that time. If the appeal is valid, the director may reduce the fine. If that appeal is denied, you have the right to appeal the director's decision by requesting a hearing with the parking board in writing, no less than 10 days after your meeting with the director. You will be allowed to state your appeal in person at this time and the decision of the board will be final.

### POST Academy (Peace Officer Standards & Training)

**Director:** Bob Flowers  
**Location:** Hurricane Education Center  
**Phone:** (435) 652-7916  
**Email:** flowers@dixie.edu  

The Dixie State College Regional Peace Officer Standards and Training Academy (also known as the Police Academy) offers Special Function Officer (SFO or Cat I) training and Law Enforcement Officer (LEO or Cat II) training. The SFO training is approximately 12 weeks in length, and the LEO training is approximately 24 weeks in length. SFO is a prerequisite to LEO. Through the direction of the Council of Peace Officer Standards and Training and a local advisory board, our mission is to provide professional standards and training for peace officers.

The classes are held from 6:00 P.M. to 10:00 P.M. Monday thru Friday at the Hurricane Education Center. Instructors include local law enforcement officers, attorneys, and educators.

**NOTE:** The DSC Regional Academy does not offer the Emergency Vehicle Operations Training. After a student graduates and is employed by an agency, they will need to attend the Utah POST EVO. Please inform any potential employers of this. It will be the student’s responsibility to inform employers and potential employers of this. You cannot be certified until you have completed the EVO.

### Special Function Officer (SFO) Training

The SFO training curriculum provides training for certification as a Special Function Officer/Auxiliary Officer. Positions requiring SFO training include constables, auxiliary officers, bailiffs, reserve officers, and other special function officers.

### Law Enforcement Officer (LEO) Training

The SFO training curriculum (above) is a prerequisite to the LEO training. The LEO training curriculum provides the remaining training necessary for certification of a peace officer with full police powers. Positions requiring both levels of training include police officers, highway patrol troopers, and deputy sheriffs with full police powers.

### Schedule & Admissions

Special Function Officer classes will start the second Monday of each January. Law Enforcement Officer classes will start the second Monday of each April. Applications will be accepted starting August 15 and ending December 7. Applications are due four (4) weeks before the beginning of each session. Financial aid is not available.

### ROTC (Army)

**Location:** Whitehead Student Support Center (3rd floor)  
**APMS:** Captain Gerald Williams  
**MSI/HRA:** Captain Darin Gumucio  
**MSII:** Sergeant First Class Mikel Cobb  
**MSIII:** Sergeant First Class Mark Loria  
**MSIV/History:** Major (Ret) Jim Dupras  
**Telephone:** (435) 879-4750  
**E-mail:** armyrotc@dsc.edu
Cross-Enrollment Agreement
DSC offers ROTC through a cross enrollment agreement with Brigham Young University (BYU). The Military Science courses are taught at DSC. Compliance with BYU standards, as listed in the current BYU catalog, is an obligation while participating in ROTC activities and at all times on both DSC and BYU campus. Military Science (Army ROTC) is given below. More detailed information is available in the appropriate BYU catalog listing.

General Information
The ROTC program is designed to produce highly qualified commissioned officers for the U.S. Army, Army Reserve, and Army National Guard. The traditional ROTC program extends over four years of college and consists of two phases: A two-year basic course during the freshman and sophomore years, and a two-year advanced course covering the junior and senior years of college.

To receive a commission as a second lieutenant in the U.S. Army, Army Reserve, or Army National Guard, students must earn a baccalaureate degree prior to age 30. An exception will be made for prior service, which may extend the age limit to 34. Students must be citizens of the United States to be commissioned. Physical and academic standards for the basic course are the same as for those of all ROTC programs nationwide. To qualify for the advanced program, students must pass a mental and physical examination during the year preceding entry into the advanced course. At the beginning of the fall semester of their junior year students are sworn in and sign an agreement to complete the last two years of ROTC and to serve on reserve or active duty upon graduation. Students incur no military obligation prior to joining the military (contracting).

Program of Instruction
The ROTC program is designed to complement the civilian goal of acquiring a baccalaureate degree in a personal course of study while enabling students to develop the knowledge, skills, and abilities for transition into the United States Armed Forces upon commissioning and to fulfill a military obligation as a reserve or active duty officer. Students do not “major” in Military Science but may receive a “minor” in these areas upon their request and depending upon the requirements of the college or university from which the students received their baccalaureate degree. ROTC military and leadership training provides ROTC graduates with many special skills and experiences which will enable them to compete as leaders in the military and/or business, civic, and community affairs.

Scholarships
ROTC offers many two, three, and four-year scholarships for which students may compete, awarded on merit. The scholarships pay full tuition, textbook costs, lab, and other required college fees, related education expenses such as classroom materials, and a $350-500 per month subsistence allowance. These scholarships are among the finest scholarships offered and can be used at hundreds of other universities and colleges across the United States for students to complete their baccalaureate training at a four-year school. ROTC scholarships are offered on a competitive basis and applications must be submitted through Army ROTC Detachments. In most cases, deadline for scholarship applications is January of the year prior to enrollment; however, it is suggested that interested parties check with specific ROTC departments since in certain instances deadlines may vary. ROTC scholarships are not affected by other grants, loans, or VEAP. To be eligible for a scholarship, a student must be eligible to receive a baccalaureate degree by his or her 30th birthday, be a U.S. Citizen, be at least age 17 at the time the scholarship is to be used, and be willing to serve on active duty for a period of four years if a scholarship is utilized by a student. There are also Reserve Component Scholarships awarded each year for National Guard and Reserve duty.

ROTC (Army)
A five-week Advanced Leadership Course is required in the summer between the junior and senior years. All Army ROTC students are required to attend a leadership laboratory for two and one-half hours each week. Practical experience in leadership applications such as small unit tactics, rappelling, weapons familiarization, etc., is emphasized during laboratory periods. Cadets are also required to participate in scheduled morning fitness training.

Notes:
1. Contracted Army ROTC Cadets must also satisfy the leadership laboratory and physical fitness terms of their contract in order to be commissioned officers in the US Army.
2. An approved course in History is also required to commission. (See ROTC department for list of eligible History courses).

STUDENT INVOLVEMENT & LEADERSHIP

Director: Donna Stafford
Office: 206 Gardner
Email: stafford@dixie.edu
Phone: (435) 652-7513

Student activities are an integral part of the overall educational program at Dixie State College. Student officers and faculty advisors strive to organize activities that will meet the physical, social, mental, and emotional needs of students. DSCSA Executive Council members, who are elected during Spring Semester to serve during the following year, are an important part of college governance.
Clubs & Organizations
Recognizing the value of extracurricular and co-curricular life in student development, DSC encourages active participation in the many and varied student clubs and organizations on campus. Student clubs and organization fulfill many purposes and individual needs, including cultural, intellectual, professional, recreational, service, and social. Representatives from the clubs and organizations recruit students on the upper Encampment Mall diagonal sidewalk (between the Gardner and McDonald Centers) during the first week of Fall and Spring Semesters. Sign up there to be part of a great college experience, or contact the Student Involvement Director or a DSCSA Executive Council member for more information.

Welcome to Dixie State College!

At DSC there are many wonderful opportunities to get involved and create the best possible college experience for you. Every student is a member of the Dixie State College Student Association (DSCSA), come to all the amazing activities and events through the year! DSCSA Student Government offers positions in many areas, including Activities, Publicity, Senate, Club Council, and Service. Becoming involved will enhance your academic pursuits, provide you with remarkable experiences, and give you a chance to work with other students throughout campus.

As part of student government, you are surrounded by other students who share the “Dixie Spirit” and a passion to pass it on to others. Lifelong friendships are established and invaluable lessons learned. So, come visit us in the student government room in the Gardner Center and get involved at Dixie State College!

Abby Hirschi
DSCSA 2010-2011
Student Body President

DSCSA Website: http://dscsa.dixie.edu/main/
Office: 200 Gardner Center (2nd floor)
Phone: (435) 652-7517

STUDENT SUPPORT HELPDESK

Location: Northwest Corner of Smith Computer Center Lab
Hours: Monday – Friday, 8:00 a.m. – 6:00 p.m.
Email: helpdesk@dixie.edu
Telephone: (435) 652-7951
Website: www.dixie.edu/helpdesk/

Computers and technology are a necessary part of today's learning environment. Students need extra support for the growing digital world, and the ever growing and changing educational technologies requirements placed upon them.

The DSC Student Support Helpdesk provides a necessary service to students that will help keep them up-to-date with the ever-changing IT services on the DSC campus. It also provides an important role in student retention by adding a valuable service that will show that DSC is dedicated to assisting our students so they can succeed. The Helpdesk is supported through the Media Technology Group: Jared Johnson, Dave Mortensen and Richard Robbins. Our goal is making technology work for students, not students trying to make technology work!

Services provided to students:

- **Blackboard Vista** – Answer all student inquiries and help troubleshoot computer issues.
- **Email** – Account access and creation problems.
- **Campus Wireless Access** – Assist in connecting various mobile devices to the RedStorm wireless network.
- **Laptop Assistance** – Help in installing programs, removing viruses and general troubleshooting.
- **Lease Laptop Repair** – Repair and checkout Dell Leases Laptops to those students participating in the DSC lease program.
- **Online Course Support** – Troubleshoot computer problems associated with the online course tools (i.e. Wimba, Safe Assign, Mediasite, etc.).
- **Live Chat Support** – Live Wimba chat room to assist students via chat or through remote desktop.
- **Helpdesk Website** – The Helpdesk Website is a student resource to tutorials, FAQs, and other troubleshooting materials.
TESTING SERVICES

Location: Career & Financial Aid Bldg. (Ground Floor)
Director: Colin Metzger
Phone: (435) 879-4692
E-mail: metzger@dixie.edu
Web: www.dixie.edu/testcenter

Testing Services provides assessment solutions to students, faculty, and staff of Dixie State College as well as members of the regional community. Testing Services is organized into the two main divisions: classroom testing and specialized testing.

- Classroom Testing: DSC students are able to take their exams in a secure environment and faculty are assured that strict testing protocol is maintained at all times.
- Specialized Testing: As a regional testing location, a variety of specialized tests are offered to the community including the following:
  - Accuplacer (CPT)
  - ACT National
  - ACT Residual
  - ATI
  - BYU FLATS
  - BYU Home Study
  - Career Inventories
  - Castle Worldwide
  - Certiport
  - CLEP
  - Compass
  - Correspondence Exams
  - EMT
  - FAA
  - GED
  - HOBET
  - ISO
  - Kryterion Host
  - Lasergrade
  - MAT
  - MELAB
  - ParaPro
  - PCAT
  - Personality Inventories
  - POST
  - Praxis
  - Prometric
  - PSB
  - SAT
  - TEAS IV
  - TEAS V
  - USOE High School Test-Out Credit
  - Utah Electronic High School
  - Western Governor’s University

1. All DSC classroom tests are free.
2. To take a DSC classroom test, the student will need to know the TEACHER’S NAME and CLASS SUBJECT.
3. The student must have a DSC ID card and/or driver’s License plus a DSC Student # and/or SS#. One must be a PICTURE ID.
4. If a Scantron is needed for the test, the student will need to provide one. We also sell them for $.30 each.
5. If the student is taking a test with a fee involved, we take a check or cash at the Testing Center. If they wish to use a credit card, they may do so at the Cashier’s Office, then bring us the receipt they are issued. The Cashier's Office has the cost of each test.
6. When the student is checked in, s/he needs to put all belongings in a red bag located on the table by the entrance. The student takes this bag into the testing room and places in nearby or under the assigned desk. All cell phones must be turned off and placed in a small blue bag near other belongings.
7. The student will be given a seat or computer number. We keep the student’s ID and return it when the seat card or computer card number is returned.
8. The Testing Center is generally open seven days a week. However, hours may differ between semesters, during Summer Semester, and on holiday weekends.
9. Please refer to www.dixie.edu/testcenter for a complete listing and detailed description of all specialized assessments offered by Testing Services.
10. More testing information, including a complete calendar and schedule is available at: http://new.dixie.edu/testing/.
TRiO – STUDENT SUPPORT SERVICES

Location: North Instructional Building
Director: Jonathan Morrell
Office: 103 North Instructional Bldg.
Email: morrell@dixie.edu
Phone: (435) 652-7656
Website: http://dixie.edu/trio/

TRiO – Student Support Services (SSS)
TRiO – Student Support Services is a Title IV, federally funded, academic program designed to assist first generation, low-income, and/or disabled Dixie State College students. The SSS program assists 200 + eligible students stay in college until they earn their associates degree by offering assistance in: academic advising and guidance, tutoring on a small group or individual basis, course selection, financial aid planning, career exploration, mentoring, career advising, transfer coordination and personal guidance. One-on-one and small group tutoring is funded by Student Support Services and available only to SSS participants. SSS teaches one-credit courses exclusive to SSS participants: Smart Start Seminar I (SSC 1001) and II (SSC 2001). To qualify for SSS services, a student must be an American citizen or permanent resident of the United States, must be registered at Dixie State College, must demonstrate an academic need for services as defined by the program, and must meet at least one of the following criteria:

- Low income, as established by the U.S. Department of Higher Education; (receiving a Pell Grant or income meets taxable income guidelines).
- First generation college student, meaning that neither one of the student's parents has completed a bachelor’s degree.
- Documented disabilities with the DSC Disability Resource Center, (emotional, physical and/or learning disabilities).

TRiO - Educational Talent Search (ETS)
Director: Kitty Hughes
Office: 105 North Instructional Bldg.
Email: hughes@dixie.edu
Phone: (435) 652-7657
Website: http://dixie.edu/trio/

TRiO - Educational Talent Search is a Title IV, federally funded, academic program designed to assist 850 first generation and low-income middle and high school students in making the transition from high school to a post secondary option. Students from Washington School District must qualify for the program by meeting the federal guidelines: first generation (neither parent has a bachelor’s degree) and/or low-income family (based on federally established taxable income guidelines). The ETS program provides services to assist students to obtain financial aid, apply for post secondary admission, selection of courses and improvement of student academic performance. The ETS program serves students in Desert Hills High School, Enterprise High School, Millcreek High School, Dixie Middle School, Dixie High School, Hurricane Middle School, Hurricane High School, Pine View Middle School, Pine View High School, Snow Canyon Middle School and Snow Canyon High school.

TRiO - UPWARD Bound (UB)
Director: Craig Harter
Office: 110 North Instructional Bldg.
Email: harter@dixie.edu
Phone: (435) 652-7659
Website: http://new.dixie.edu/trio/

TRiO - Upward Bound is a Title IV, federally funded, academic program designed to assist first generation and low-income high school students in making the transition from high school to college. Eighty students must qualify for the program by meeting the federal guidelines of first generation (neither parent has a bachelor’s degree) and/or low-income family (based on federally established taxable income guidelines). During the school year, students meet weekly in workshops where a UB coordinator assists them with tutoring and academic skills. During the summer, 60 students are selected to attend a residential component on the campus of Dixie State College where they take college credit classes, attend cultural events, and learn life skills. The purpose of the program is to direct students to completion of a bachelor’s degree. Students from Desert Hills High School, Dixie High School, Enterprise High School, Hurricane High School, Pine View High School and Snow Canyon High School participate in the program.
TUTORING CENTER

Location: Browning Building (Ground Floor)
Coordinator: Barbara Turnbow
Office: 108 Browning Building
Email: turnbow@dixie.edu
Phone: (435) 652-7743
Website: http://new.dixie.edu/tutoring/

Dixie State College sponsors several types of learning assistance services that benefit many Dixie State students. Tutoring is one of the most widely used of these services.

Who can receive tutoring?
All registered, degree-seeking Dixie State College students have access to some form of tutoring.

What can tutoring do for me?
A tutor can assist you in clarifying concepts and class material and in improving your study skills.

How much does tutoring cost?
It's FREE for all registered, degree-seeking Dixie State students!

Where is the Tutoring Center?
The Tutoring Center is located in the Browning Resource Center (downstairs from the Testing Center).

When is the Tutoring Center open?
FREE Drop-In Tutoring is available to all registered Dixie State College students who are seeking assistance in select general education courses, including various Math and Science courses.

Monday – Thursday 9:00 a.m. – 8:00 p.m.
Friday 9:00 a.m. – 5:00 p.m.
Saturday – contact Tutoring Center for exact schedule

NOTE: Tutoring services for certain subjects depend on demand, budgetary constraints, and tutor availability.

Why is Drop-In Tutoring useful?
Drop-In Tutoring allows students to work on assignments independently while having the opportunity to have tutor assistance when needed. Drop-In Tutoring also encourages the formation of study groups because students will often make contact with other students in the same subject area. Finally, it allows students the flexibility to come in at their convenience during posted hours instead of keeping set appointments with a tutor.

How do I sign up for Drop-In Tutoring?
The first time you enter the Tutoring center, you will need to enter your DSC Identification number, along with your name, phone number, and e-mail address. Thereafter, only a DSC ID is required.

How does Drop-In Tutoring work?
First, stop by the Tutoring Center and view the Drop-In Tutoring Schedule. This schedule will let you know when a tutor is available for your particular subject. Then, pick a time that is convenient for you and come on in!

What can I expect from Drop-In Tutoring?
When you come in for Drop-In Tutoring, you will sign in on the computer and have a seat at one of the tables in the Tutoring Center. The tutors will circulate through the Center, answering student questions as they arise. Please be patient. Tutors address questions on a first-come, first-served basis, but there is always time to address everyone’s questions.

Can I be a tutor?
The Tutoring Center is looking for students to tutor Math 0900 - 3310 and some Science courses.
If you are/were a college student, you must have taken the class(es) that you wish to tutor, and you must have received a grade of A or A-.

- Have a cumulative GPA of 3.0.
- Be willing to work at least 5-10 hours each week.
- Be very personable, patient, and professional.
- Possess strong communication skills.
- Be available and willing to keep yourself and students on task while in the Tutoring Center.
- Contact Tutoring center Coordinator (listed above).

**WRITING CENTER**

Director: Chelsi Sutton  
Location: Browning Building (Ground Floor)  
Office: 112A Browning Bldg.  
Email: sutton@dixie.edu  
Phone: (435) 652-7868  
Online Writing Lab: owl@dixie.edu

The Dixie State College Writing Center is located on the first floor of the Browning Learning Resource Center. Our services are free to DSC students, and our mission is to help you become a better writer by approaching your assignments as a process of invention, writing, and revision.

The Writing Center is staffed by peer tutors who offer suggestions, instruction, and tips to help you improve your individual skills. Please keep in mind that the Writing Center is not a proofreading service. We focus on helping you become a better writer rather than helping you correct every single mistake in an essay. Tutors give basic suggestions for improvement and teach you to review your own papers. We will do our best to help you improve your writing skills, but responsibility for generating a perfectly written, error-free paper lies solely with you.

While face-to-face sessions are most effective, we also offer an Online Writing Lab (OWL), which can be accessed at owl@dixie.edu. You may e-mail your paper as an attachment to this site; tutors review the paper and return it to you via e-mail. If you use this service, allow a few days for your paper to be reviewed. For example, if a paper is due on Friday, you should not wait until Thursday night to submit the paper to the Writing Center.

We look forward to helping you at the Writing Center; please let us know how we can improve our service to you and to Dixie State College. For more information, contact the Writing Center Director.
Student Code of Rights & Responsibilities (“Student Code”)

The Code of Student Rights and Responsibilities sets forth the specific authority and responsibility of Dixie State College of Utah to maintain appropriate discipline by outlining guidelines for appropriate student conduct and to create an educational environment wherein individual students and groups of students can accomplish meaningful academic goals. The purpose of the policy is to protect individuals, the campus, and the College community as well as create an environment conducive to achieving the academic mission of the College.

The Student Rights & Responsibilities Code (DSC Policy 5-33), also known as the “Student Code,” contains important information for the students in the following sections:

1. Student Rights
2. Student Behavioral Conduct
3. (A) Policy Exceptions and (B) Student Academic Standing
4. (A) Student Appeals, (B) Complaints, and (C) Student Academic Conduct
5. Student Professional Conduct.

The information contained in this catalog is meant as an introduction to the Student Code. To read the complete policy, go to http://www.dixie.edu/humanres/polstu.html. Although formal procedures are outline in the Student Code, the College encourages informal resolution of problems when it is appropriate and adequate to the seriousness of the issue.

1. **Student Rights**

Students have the following rights and privileges and also have the responsibility not to deny these rights and privileges to other members of the College community.

i. **Learning Environment:** Students have a right to an environment and climate conducive to learning and thinking. Students have a right of reasonable access to College facilities, services, and programs, including access to faculty members and to courses as described in the College Catalog. College teaching should reflect consideration for the dignity of students and their rights and individuals. Students have a right to be treated with courtesy and respect.

ii. **Classroom Rights:** Students have the right, at the beginning of the course in the form of a syllabus, to reasonable notice of the general content of the course and notice of what will be required of them.

iii. **Academic Evaluation:** Students have a right to have their performance evaluated promptly, conscientiously, and without prejudice or favoritism, consistent with the criteria stated at the beginning of the course in the form of a syllabus. Students have a right to be evaluated in an atmosphere that values academic integrity.

iv. **Role in College Governance:** Students have a right to participate in the formation and application of College policy affecting academic and student affairs through clearly defined means, including membership on appropriate committees. Students have a right to perform student evaluations of faculty members, and to have those evaluations considered in the retention, promotion, tenure, and post-tenure reviews of faculty members.

v. **Due Process:** Students have a right to due process in any proceeding involving the possibility of serious sanctions. This includes the right to notice of alleged violations, the right to be heard relative to the allegations, the right to impartial decision and review, and the right for students to serve on hearing boards.

vi. **Freedom from Discrimination, Harassment, and Sexual Harassment:** Students have a right to be free from illegal discrimination, harassment, and sexual harassment. College policy prohibits discrimination, harassment, or prejudicial treatment of a student because of his/her race, color, ethnicity, religion, national origin, sex, sexual orientation, gender identity/expression, age, or status as an individual with a disability or as a protected veteran.

vii. **Freedom of Expression and Inquiry:** Students are entitled to academic freedom and autonomy in their intellectual pursuits and development. Students are entitled to free and open discussion, inquiry, expression, and lawful assembly.

viii. **Privacy and Confidentiality:** Students have a right to privacy and confidentiality subject to College rules and other statutory regulations. Students have a right to be free from unreasonable searches and seizures.

ix. **Student Records:** Students have a right to educational records that accurately reflect their performance. Students have a right to examine and challenge information in their educational records.

x. **Student Government and Organizations:** Students have a right to participate in Dixie State College Student Association elections and to form student organizations for any lawful purpose as approved by the Dean of Students.

2. **Student Behavior**

Students have the responsibility not to deny any Student Rights and privileges to other members of the College community. In addition, the Standards of Student Conduct apply to students on College premises and at College activities. The following are prohibited:

i. Physical or verbal assaults, and stalking, hazing, threats, intimidation, coercion, or any other conduct that threatens or endangers the health or safety of another member of the College community or any other person while on College premises or while attending or participating in College activities.
Disciplinary suspension, disciplinary dismissal, or expulsion.
Hold on College records and/or registration.
Exclusion from specific campus areas or activities or loss of specific privileges.
Community service, restitution, or referral to licensed physician or other mental health professional for evaluation.
Disciplinary probation.
Warning or reprimand.
Agreement with student to refrain from specific behaviors, from contacting specific individuals, to participate in specified educational programs and/or mediation processes, to seek professional counseling or other treatment, to participate in specified community service, and/or other specified agreement.

Complaint Procedures
Whenever possible, complaints should be resolved informally by the faculty member, work supervisor, department chair, program director, or dean. If informal resolution is not successful, any person directly aggrieved by an alleged violation of the Standards of Conduct, or any faculty member, staff member, or student, may submit an oral or written complaint to the Dean of Students within forty-five (45) days of the date of the alleged violation.

The Dean of Students conducts an initial inquiry to determine whether there is a reasonable basis for believing the responding student violated the Standards of Conduct, including interviewing the complaining party and the responding student, reviewing relevant evidence, etc. The Dean of Students makes a determination as to whether there is reasonable basis for believing that the responding student violated the Standards of Conduct. If a complaint is dismissed, the complainant may appeal that decision to the Vice President of Student Services. If the responding student admits culpability, the Dean of Students can impose the following sanctions:

The Dean of Students or the Student Conduct Committee can impose the following sanctions:

i. Agreement with student to refrain from specific behaviors, from contacting specific individuals, to participate in specified educational programs and/or mediation processes, to seek professional counseling or other treatment, to participate in specified community service, and/or other specified agreement.
ii. Warning or reprimand.
iii. Disciplinary probation.
iv. Exclusion from specific campus areas or activities or loss of specific privileges.
v. Community service, restitution, or referral to licensed physician or other mental health professional for evaluation.
vi. Hold on College records and/or registration.
vii. Disciplinary suspension, disciplinary dismissal, or expulsion.
A student may appeal any decision and/or sanctions to the Vice President of Student Services, whose decision shall be final.

3A. Exceptions to Policy

The Registrar’s Office establishes deadlines each academic year and each semester for registering, adding courses, dropping courses, auditing courses, paying tuition and/or fees, complete withdrawals, applying for graduation, and other functions. Current deadlines and procedures are available in the College catalog and class schedules, and on the College website. The College is obligated to ensure the integrity of the academic transcript as an historical document. Therefore, the transcript must reflect the actual history of a student’s experience at the College. An exception to College policy is warranted only in cases involving unusual or extenuating circumstances. It is a student’s individual responsibility to ensure the accuracy of his/her class schedule and transcript each semester as well as comply with all College regulations and deadlines. Being unaware of College procedures and deadlines or desiring to modify a transcript to improve one’s academic record does not constitute justification for exceptions to policy.

The Policy Exceptions Committee, which is comprised of faculty, staff, and student representatives, will accept petitions requesting the following:

i. Retroactive Registration (drop / add / audit): Students are expected to complete registration procedures within the published deadlines. Late registration requests may be considered for situations which made it impossible for students to register, drop, or audit during the time periods designated for registration.
   a. Students should provide verification of circumstances to support the request for exception. Supporting documentation on official letterhead, including letters from physicians, instructors, etc., must be attached to the petition.
   b. A late fee may be charged per class for all retroactive registration requests that are approved. Students are also responsible for all tuition and fees associated with any changes to their academic record.

ii. Other College (not departmental) deadlines, fines, fees, and tuition charges.

iii. Retroactive Withdrawal: Retroactive withdrawals will only be considered when students provide verification of unusual or extenuating circumstances which prevented them from withdrawing by the deadline. Supporting documentation on official letterhead, including letters from physicians, College administrators, College instructors, etc., must be attached to the petition.

iv. A student who wants to petition such an exception to policy based on extenuating circumstances which prevented them from withdrawing by the deadline. Supporting documentation on official letterhead, including letters from physicians, College administrators, College instructors, etc., must be attached to the petition.

v. Petitions must be received within four (4) years of the semester for which the petition is submitted.

The Policy Exceptions Committee will not accept petitions for course prerequisite and placement appeals, which are approved or disapproved by the Chair of the Department offering the course (the student may appeal to the appropriate Dean supervising that department).

- Course substitutions for courses required in a program or major that are not General Education or College graduation requirements are to be approved or disapproved by the Department Chair and Dean.
- Exemptions to the College General Education or graduation requirements shall be decided through the Academic Appeals Committee.

Decisions of the Policy Exceptions Committee can be appealed to the Vice President of Student Services, whose decision shall be final.

3B. Academic Standing

Dixie State College requires students to maintain a minimum grade point average as explained below. In addition, the College, in compliance with Federal, State, and institutional regulations, will monitor progress, which includes monitoring satisfactory academic and required credit hour progress, of students participating in regulated programs. A student's academic standing is noted on the official transcript each semester as well as comply with all College regulations and deadlines. Being unaware of College procedures and deadlines or desiring to modify a transcript to improve one’s academic record does not constitute justification for exceptions to policy.

Categories of Academic Standing are:

i. **President’s List.** A student is awarded inclusion on the President’s List if s/he achieves a semester GPA of 3.9 or higher when completing a minimum of fifteen (15) credits.

ii. **Dean’s List.** A student is awarded inclusion on the Dean’s List if s/he achieves a semester GPA of 3.50 – 3.89 when completing a minimum of fifteen (15) credits.

iii. **Academic Good Standing.** A student is considered to be in Good Standing when his or her cumulative GPA is 2.0 or above.

iv. **Academic Alert.** A student whose semester GPA is below 2.0 but whose Cumulative GPA is above 2.0 will be placed on academic alert.
   a. Cannot register for more than 13 credits per semester without permission from Academic Improvement Advisor.
   b. Considered in Good Standing.

v. **Academic Warning.** A student whose cumulative GPA is below 2.0 shall be placed on Academic Warning and will no longer be considered in Academic Good Standing. Only students who have completed 25 or more credits shall be placed on Academic Warning.
   a. Required to participate in a workshop designed to assist students increase their academic performance. A Registration Hold may be placed on a student’s registration until the workshop is completed.
   b. Cannot register for more than 13 credits per semester without permission from Academic Improvement Advisor.
vi. **Academic Probation.** A student on Academic Warning whose semester GPA and cumulative GPA are below 2.0 will be placed on Academic Probation.
   a. Required to meet with an Academic Improvement Advisor to establish an Academic Improvement contract.
   b. Cannot register for more than 13 credits per semester.

vii. **Academic Suspension.** A student on Academic Probation whose semester GPA and cumulative GPA are below 2.0 will be placed on Academic Suspension.
   a. May not enroll in classes for a minimum of one (1) regular (fall or spring) semester after being placed on Academic Suspension.
   b. After at least one regular semester of not enrolling in classes at DSC, a student on Academic Suspension may petition the Director of Advisement for reinstatement of student status.

viii. **Repeated Academic Suspension.** A student is placed on Repeated Academic Suspension if the student is placed on Academic Suspension after having been previously on that status.
   a. May not enroll in classes for a minimum of one (1) calendar year after being placed on Repeated Academic Suspension.
   b. After at least one calendar year of not enrolling in classes at DSC, a student on Repeated Academic Suspension may petition the Policy Exceptions Committee for reinstatement of student status.

A student may appeal his/her being placed on Academic Warning, Academic Probation, Suspension, or Repeated Academic Suspension status may petition the Policy Exceptions Committee within two (2) years after the status change.

A student may appeal a denial of reinstatement or any Academic Standing decision of the Policy Exceptions Committee to the Vice President of Academic Services, whose decision shall be final.

4A. **Academic Appeals**

**Standards of Academic Performance**

In order to ensure that the highest standards of academic performance are promoted and supported at the College, students must:

- Meet the academic requirements of a course; and
- Meet the academic requirements of the relevant discipline or program.

Faculty members are qualified as professionals to observe and judge all aspects of a student's academic performance, including demonstrated knowledge, technical and interpersonal skills, attitudes and professional character, and ability to master the required curriculum. An academic action, defined as the recording of a grade or issuing of credit in a class; on an exam, activity, or assignment; or for a course or culminating project. It also includes a decision by the program or department to place a student on academic probation, or to suspend or dismiss a student from an academic program because the student failed to meet the relevant academic standards of the discipline or program.

The term “academic action” does not include the decision by a department or program to refuse admission of a student into an academic program. An academic action, which also does not include academic sanctions imposed for academic misconduct or for professional misconduct, may be overturned on appeal only if the academic action was arbitrary or capricious.

**Academic Appeals**

A student who believes that an academic action taken in connection with the Standards of Academic Performance above is capricious should attempt to resolve the issue with the involved faculty member. If resolution is not possible, the student should appeal to the Department Chair. If any party is not satisfied with the Department Chair’s decision, the matter may be appealed to the appropriate Academic Dean supervising the course.

If any involved party is not satisfied with the Dean’s decision, the matter may be appealed to the Academic Appeals Committee, which is comprised of faculty and students.

Most appeals and proceedings regarding academic actions or requirements will initiate with the faculty and administrators in a specific department or program. Course prerequisite and placement appeals are approved or disapproved by the Chair of the Department offering the course. The student may appeal disapproval to the appropriate Dean supervising that department.

- Course substitutions for courses required in a program or major that are not general education or College graduation requirements are to be approved or disapproved by the Department Chair and Dean.
- A student who wishes to petition for an exemption or exception to the College General Education or graduation requirements must appeal those requirements through the Academic Appeals Committee.

Any decision of the Academic Appeals Committee can be appealed to the Vice President of Academic Services, whose decision shall be final.

4B. **Student Complaints**

A student may file a complaint against a faculty or staff member for violating the student’s rights as delineated in the Student Code. The student should seek to resolve the complaint with the involved faculty / staff member if possible.

If resolution between student and an academic staff employee or faculty member is not possible, the student may seek redress with the Department Chair of the department which offers the course or supervises the employee. If resolution between the student and the Department
Chair is not possible, the student may seek redress with the appropriate Dean charged with supervising that department. If resolution between the student and the Dean is not possible, the student may seek further redress with the Vice President of Academic Services. If the faculty / staff member is dissatisfied with any decision, s/he may appeal to the appropriate Vice President or employ the Grievance Procedure, Policy 3-31 or 4-28.

If a complaint involves a non-academic staff member and resolution is not possible, the student may seek redress with the Dean of Students. If resolution between the student and the Dean is not possible, the student may seek further redress with the Vice President of Academic Services. If the staff member is dissatisfied with any decision, s/he may appeal to the appropriate Vice President or employ the Grievance Procedure, Policy 4-28.

4C. Student Academic Conduct

In order to ensure that the highest standards of academic conduct are promoted and supported at the College, students must adhere to generally accepted standards of academic honesty, including but not limited to, refraining from cheating, plagiarizing, falsification, misrepresentation, and/or inappropriately colluding or collaborating. The College shall consistently hold students accountable for instances of academic dishonesty and apply appropriate consequences.

Definitions for some types of academic misconduct follow:

i. Cheating: Includes but is not limited to using unauthorized materials, information, or study aids in any academic exercise; failing to observe the expressed procedures or instructions of an academic exercise; substituting for or impersonating someone else during a test or exam or other fraud; or receiving the content of a test or exam before it is administered.

ii. Plagiarism: Includes but is not limited to the use of another's words or ideas as if they were one's own, including, but not limited to, representing, either with the intent to deceive or by the omission of the true source, part of or an entire work produced by someone other than the student, obtained by purchase or otherwise, as the student's original work or representing the identifiable but altered ideas, data, or writing of another person as if those ideas, data, or writing were the student's original work.

iii. Inappropriate Collaboration or Collusion: Includes but is not limited to unauthorized or inappropriate collaboration between students or between a student and any other person when individual work is required.

iv. Multiple Submissions: Includes but is not limited to the resubmission by a student of any work which has been previously submitted for credit in identical or similar form in one course to fulfill the requirements of a second course, without the informed permission / consent of the instructor of the second course; or the submission by a student of any work submitted for credit in identical or similar form in one course to fulfill the requirements of a concurrent course, without the permission / consent of the instructors of both courses.

v. Falsification / Fabrication / Misrepresentation: Includes but is not limited to the intentional and unauthorized invention of any data, information, or citation in an academic activity.

vi. Facilitating Academic Dishonesty: Includes but is not limited to knowingly helping another student commit an act of academic misconduct or failing to report another student for academic misconduct.

vii. Coercion Regarding Grading or Evaluation of Coursework: Includes but is not limited to issuing threats or offering favors or bribes toward an instructor to coerce the instructor to change a grade or otherwise evaluate the student’s work by criteria not directly reflective of coursework.

viii. Copyright Violation: Includes but is not limited to copyright and other violations of the College’s Computer Use Policy 6-53 and Use of IT Resources Policy. Such matters are adjudicated under the Student Behavioral Conduct section of this code.

A student who engages in academic misconduct may be subject to academic sanctions identified below. Sanctions may also include community service, a written reprimand, and/or a written statement of misconduct that can be put into an appropriate record maintained for purposes of the profession or discipline for which the student is preparing.

- Any person who observes or discovers academic misconduct by a student must file a written complaint with the faculty member responsible for the pertinent academic activity within fifteen (15) days of the date of discovery of the alleged violation.
  - A student’s failure to report academic misconduct on the part of another can result in academic misconduct charges against that student.
- A faculty member who discovers or receives a complaint of misconduct relating to an academic activity for which the faculty member is responsible shall take action under this code and impose an appropriate sanction for the misconduct.

Sanctions

If a faculty member has firm evidence of academic misconduct in a course s/he is instructing, the claim of academic misconduct shall be considered substantiated. In all cases, the sanction for academic misconduct should reflect how knowing, intentional, and serious the instructor judges the academic dishonesty to be. The faculty member may impose the following sanctions:

i. Require that the work be redone, an exam retaken, or an alternate assignment substituted.

ii. Reduce the grade for the assignment or other academic activity.

iii. Reduce the grade for the course.

iv. Issue a grade of “F” for the paper, project, test, exam, or other academic activity in which the misconduct occurred.

v. Issue a failing grade for the course.

The student may appeal the faculty member’s decision to the Academic Integrity Committee, which is comprised of faculty and students.
If the faculty member believes that the student's academic misconduct warrants further academic sanctioning, he/she may submit a written complaint with recommendations to the appropriate Department Chair, who forwards the request with his/her recommendations to the appropriate Dean. A faculty member, Department Chair, or Dean may also take a complaint directly to the Academic Appeals Committee. Academic sanctions that can be imposed by the Academic Appeals Committee in these cases include but are not limited to the following:

i. A notation on the student’s academic transcript that the F grade in a specific course was issued for academic misconduct.
ii. Academic Conduct Censure or Probation. Academic Conduct Probation imposes conditions on a student for a specific period of time.
iii. Specified community service.
iv. Academic Conduct Suspension or Dismissal from a program. Academic Conduct Suspension shall be for a minimum of one semester following the semester the student is found responsible for academic misconduct. Academic Dismissal from a program is usually irrevocable.
v. Academic Conduct Suspension or Dismissal from the College. Academic Conduct Suspension shall be for a minimum of one semester following the semester the student is found responsible for academic misconduct. Dismissal from the college shall be reserved for the most serious or egregious instances of academic misconduct.
vi. Denial of a degree or certificate for which requirements have been completed or revocation of an awarded student’s degree or certificate. Grounds for denial or revocation include convincing evidence that the degree recipient engaged academic misconduct serious enough to negate the legitimate completion of one or more substantive requirements of that degree or certificate. Revocation of an awarded degree or certificate requires the additional approval of the President of the College.

A student may appeal any decision of the Academic Integrity Committee to the Vice President of Academic Services, whose decision shall be final.

5. Student Professional Conduct

In order to ensure that the highest standards of professional and ethical conduct are promoted and supported at the College, students must adhere to the prescribed professional and ethical standards of the profession or discipline for which the student is preparing, as adopted or recognized as authoritative by the relevant academic program.

The Vice President of Academic Services may suspend a student or restrict a student’s access to College premises and/or College activities for which the student might otherwise be eligible prior to an initial inquiry, hearing, or determination if there is reasonable cause to believe that a student poses a danger to him or herself, endangers the safety of other persons or property, or is an ongoing threat of disrupting the academic process.

A student who engages in professional misconduct may be subject to academic sanctions including but not limited to a grade reduction, failing grade, probation, suspension, or dismissal from the program or the College, denial or revocation of a student’s degree or certificate, or comparable professional credentialing sanctions. Sanctions may also include community service, a written reprimand, and/or a written statement of misconduct that can be put into an appropriate record maintained for purposes of the profession or discipline for which the student is preparing.

- Any person who observes or discovers that a student has engaged in professional misconduct should file a written complaint with the Department Chair or Program Director of the involved program within thirty (30) days of the date of discovery of the alleged violation.
- The Chair/Director conducts an initial inquiry to determine whether there is a reasonable basis for believing the responding student violated the Standards of Conduct, including interviewing the complaining party and the responding student, reviewing relevant evidence, etc. The Chair/Director makes a determination as to whether there is reasonable basis for believing that the responding student violated the Standards of Conduct. A complaint that is frivolous, that fails to state facts that constitute a violation of the Standards of Conduct, or that is not timely, may be dismissed by the Chair/Director after an initial review.

If a complaint is dismissed, the complainant may appeal that decision to the Vice President of Academic Services, whose decision shall be final.

If the Chair/Director determines that there is a reasonable basis for believing that the student engaged in professional misconduct, he/she shall determine whether efforts at informal resolution are appropriate and, if so, shall take whatever steps are useful to that end. If informal resolution is inappropriate or if efforts at informal resolution are not successful, the Chair/Director shall refer the complaint, including his/her recommendation for academic sanctions, to a Professional Conduct Hearing Board, which is comprised of faculty and at least one student, for proceedings.

The Hearing Board may recommend any academic sanction listed above. The Board’s decision will be reviewed by the Academic Dean, who will review all the evidence, may solicit whatever counsel and advice s/he deems necessary, and shall make a decision to impose an appropriate sanction. Any party may appeal the Dean’s decision and/or sanction to the Academic Appeals Committee. The Academic Appeals Committee will make a recommendation to the Vice President of Academic Services, whose decision shall be final.
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