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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