Mathematics

The mathematics program is one of the most established and respected programs within the mathematics discipline. It is a computer-based program in which mathematics theory and practice receive equal emphasis as applied to both financial and managerial mathematics issues. It intends to support the career objectives of those looking to enter the job market upon graduation, as well as the academic needs of those looking to pursue advanced degrees. Required course work covers areas critical to success in today's mathematics workplace:

- Technical mathematics knowledge
- Communication and interpersonal skills
- Career-related computer literacy
- A laptop computer is recommended, but not required, for students entering the mathematics program.

Courses

Course Number	Course Title	Credits
MATH 0405	Study Skills: Math Anxiety	1 Credits
MATH 0408	Arithmetic Whole Numbers I	0.5 Credits
MATH 0409	Arithmetic Whole Numbers II	0.5 Credits
MATH 0410	Arithmetic of Whole Numbers	0.5 Credits
MATH 0412	Arithmetic of Fractions I	0.5 Credits
MATH 0413	Arithmetic of Fractions II	0.5 Credits
MATH 0415	Arithmetic of Decimals	0.5 Credits
MATH 0417	Arithmetic of Percents	0.5 Credits
MATH 0418	Arithmetic of Ratio/Proportion	0.5 Credits
MATH 0420	Arithmetic: Special Topics	0.5 Credits
MATH 0422	Arithmetic of Signed Numbers	0.5 Credits
MATH 0424	Algebra: Solving Linear Equations	0.5 Credits
MATH 0426	Algebra: Word Problems	0.5 Credits
MATH 0428	Algebra: Exponents	0.5 Credits
MATH 0430	Algebra: Factoring	0.5 Credits
MATH 0432	Algebra: Fractions	0.5 Credits
MATH 0434	Algebra: Graphing	0.5 Credits
MATH 0436	Algebra: Systems of Linear Equations	0.5 Credits
MATH 0438	Algebra: Radicals	0.5 Credits
MATH 0440	Algebra: Quadratic Equations	0.5 Credits

Course Number	Course Title	Credits
MATH 0451	Essentials of Arithmetic I	2 Credits
MATH 0452	Essentials of Arithmetic II	2 Credits
MATH 0455	Fundamentals of Algebra	2 Credits
MATH 0460	College Arithmetic	3 Credits
MATH 0470	Elementary Plane Geometry	3 Credits
MATH 0481	Foundations for College Mathematics I	5 Credits
MATH 0482	Foundations for College Mathematics II	5 Credits
MATH 0485	Algebra Refresher Workshop	0.5 Credits
MATH 1100	Business Mathematics	3 Credits
MATH 1102	Mathematics for Health Sciences	3 Credits
MATH 1104	Mathematics for Horticulture	3 Credits
MATH 1108	Perspectives of Mathematics	3 Credits
MATH 1115	Technical Mathematics I	3 Credits
MATH 1116	Technical Mathematics II	5 Credits
MATH 1120	Mathematical Foundations for Diagnostic	3 Credits
MATH 1218	General Education Mathematics	3 Credits
MATH 1220	Quantitative Literacy	3 Credits
MATH 1321	Math for Elementary School Teacher I	4 Credits
MATH 1322	Math for Elementary School Teacher II	3 Credits
MATH 1340	History of Mathematics	3 Credits
MATH 1428	College Algebra With Applications	3 Credits
MATH 1431	Precalculus I	5 Credits
MATH 1432	Precalculus II/Trigonometry	3 Credits
MATH 1533	Finite Mathematics	4 Credits
MATH 1635	Statistics	4 Credits
MATH 1820	Selected Topics I	1-3 Credits
MATH 1840	Independent Study	1-4 Credits
MATH 2115	Discrete Mathematics	3 Credits
MATH 2134	Calculus for Business and Social Science	4 Credits

Mathematics

Course Number	Course Title	Credits
MATH 2231	Calculus and Analytic Geometry I	5 Credits
MATH 2232	Calculus and Analytic Geometry II	5 Credits
MATH 2233	Calculus and Analytic Geometry III	4 Credits
MATH 2235	Additional Topics in Vector Calculus	1 Credits
MATH 2245	Linear Algebra	4 Credits
MATH 2270	Differential Equations	4 Credits
MATH 2300	Mathematical Proof	3 Credits
MATH 2820	Advanced Selected Topics I	1-3 Credits
MATH 2860	Internship (Career & Technical Ed)yCoop Ed/Internship Occup	1-4 Credits
MATH 2865	Internship Advanced (Career & Tech Ed)	1-4 Credits
MATH 2870	Internship (Transfer)	1-4 Credits
MATH 2871	Internship - Advanced (Transfer)	1-4 Credits