

Mathematics (MAT) Course Equivalency Guide between Maricopa Community Colleges and Grand Canyon University



The following table is the assessment of the courses between Maricopa Community Colleges and Grand Canyon University. The following will be used in evaluating official transcripts.

These courses fulfill the competency requirements; however, the courses may not fulfill the credit requirements. To obtain an undergraduate degree at GCU, students are required to meet a minimum of 120 semester credit hours.

Maricopa Community Colleges Course Number	Maricopa Community Colleges Credits	GCU Course Equivalency	GCU Applied Semester Credits
MAT112: Mathematical Concepts and Applications	3	General Education: Critical Thinking	3
MAT120/121/122: Intermediate Algebra	3-5	MAT-134: Applications of Algebra AND General Education: Critical Thinking	3-5
MAT140/141/142: College Mathematics	3-5	MAT-144: College Mathematics AND General Education: Critical Thinking	3-5
MAT150/151/152: College Algebra/Functions	3-5	MAT-154: Applications of College Algebra AND General Education: Critical Thinking	3-5
MAT150/151/152: College Algebra/Functions AND MAT182: Plane Trigonometry	6-8	MAT-250: College Algebra and Trigonometry AND General Education: Critical Thinking	3-5
MAT151AA: College Algebra/Functions	1	General Education: Critical Thinking	1
MAT151AB: College Algebra/Functions II	1	General Education: Critical Thinking	1
MAT151AC: College Algebra/Functions III	1	General Education: Critical Thinking	1
MAT151AD: College Algebra/Functions IV	1	General Education: Critical Thinking	1
MAT256-Investigating Quantity: Number, Operations, and Numeration Systems	3	MAT-150: Mathematics for Elementary Teachers I	3
MAT257-Investigating Geometry, Probability, and Statistics	3	MAT-151: Mathematics for Elementary Teachers II	3
MAT172: Finite Mathematics	3	General Education: Critical Thinking	3
MAT182: Plane Trigonometry	3	General Education: Critical Thinking	3
MAT187: Precalculus	5	MAT-250: College Algebra and Trigonometry AND General Education: Critical Thinking OR MAT-261: Pre- Calculus AND General Education: Critical Thinking	5
MAT206: Elements of Statistics	3	MAT-274: Probability and Statistics OR BIO-365: Biomedical Statistics	3
MAT220/221: Calculus with Analytic Geometry I AND MAT230/231: Calculus and Analytic Geometry II AND MAT 240/241: Calculus and Analytic Geometry III	9-12	MAT-262: Calculus for Science and Engineering I AND MAT-264: Calculus for Science and Engineering II AND General Education: Critical Thinking	9-12
MAT220/221: Calculus with Analytic Geometry I	3-4	MAT-252: Calculus and Analytic Geometry I OR MAT-351: Calculus for Biomedical Sciences	3-4
MAT230/MAT231: Calculus and Analytic Geometry II AND	3-4	MAT-253: Calculus and Analytical Geometry II	3-4
MAT240/MAT241: Calculus and Analytic Geometry III	3-4	MAT-254: Calculus and Analytical Geometry III	3-4
MAT225: Elementary Linear Algebra	3	General Education: Critical Thinking	3
MAT261/262: Differential Equations	3-4	General Education: Critical Thinking	3-4
MAT276/277: Modern Differential Equations	3-4	MAT-364: Differential Equations for Science and Engineering	3-4

All Grand Canyon University programs follow a Program of Study, which can be changed by the University at any time. All Programs of Study are subject to the terms, conditions, and policies outlined in the University's enrollment application and the <http://www.gcu.edu/Policy-Handbook.php>.

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