

# 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	MAT-144: College Mathematics	3
MAT120/121/122: Intermediate Algebra	3-5	MAT-134: Applications of Algebra <b>AND</b> General Education: Critical Thinking	3-5
MAT140/141/142: College Mathematics	3-5	MAT-144: College Mathematics <b>AND</b> General Education: Critical Thinking	3-5
MAT150/151/152: College Algebra/Functions	3-5	MAT-250: College Algebra and Trigonometry <b>AND</b> 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	MAT-250: College Algebra and Trigonometry	3
MAT187: Precalculus	5	MAT-250: College Algebra and Trigonometry <b>AND</b> General Education: Critical Thinking <b>OR</b> MAT-261: Pre- Calculus <b>AND</b> General Education: Critical Thinking	5
MAT206: Elements of Statistics	3	MAT-274: Probability and Statistics <b>OR</b> BIO-365: Biomedical Statistics	3
MAT 220/221: Calculus with Analytic Geometry I	3-4	MAT-252: Calculus and Analytic Geometry I <b>OR</b> MAT-351: Calculus for Biomedical Sciences	3-4
MAT220/221: Calculus with Analytic Geometry I <b>AND</b> MAT230/231: Calculus and Analytic Geometry II <b>AND</b> MAT 241: Calculus and Analytic Geometry III	9	MAT-262: Calculus for Science and Engineering I <b>AND</b> MAT-264: Calculus for Science and Engineering II <b>AND</b> General Education: Critical Thinking	8 1
MAT225: Elementary Linear Algebra	3	General Education: Critical Thinking	3
MAT230/MAT231: Calculus and Analytic Geometry II	9	MAT-253: Calculus and Analytical Geometry II <b>AND/OR</b> General Education: Critical Thinking	9
MAT240/MAT241: Calculus and Analytic Geometry III	9	MAT-254: Calculus and Analytical Geometry III <b>AND/OR</b> General Education: Critical Thinking	9
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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