Engineering Course Equivalency Guide between
Maricopa Community Colleges and Grand Canyon University

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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
ECE102/ECE102AA: Engineering Analysis Tools Techniques	2	General Education: Critical Thinking	2
ECE103/ECE103AB: Engineering Problem Solving and Design	2	General Education: Critical Thinking	2
ECE211: Engineering Mechanics-Statics	3	MET-212/212L: Static Analysis of Mechanical Systems & Lab	3
ECE212: Engineering Mechanics - Dynamics	3	MET-213/213L: Dynamic Analysis of Mechanical Systems & Lab	3
ECE211: Engineering Mechanics-Statics **AND** ECE212: Engineering Mechanics - Dynamics	6	ESG-360/360L: Statics and Dynamics & Lab **AND** General Education: Critical Thinking	4 2
ECE-215: Mechanics of Materials	3	MET-203/203L: Strength of Materials & Lab **OR** MEE-352/352L: Solid Mechanics & Lab	3
ECE-216/ECE-216LL: Computer-Aided Engineering Lecture and Lab	3	ESG-250/250L: Computer Aided Engineering & Lab	3
EEE-202: Circuits and Devices **AND** EEE-120: Digital Design Fundamentals	9	ESG-202/ESG202L: Electrical & Electronic Circuits &Lab **AND** General Education: Critical Thinking	4 5
ELE-111: Circuit Analysis I	4	EET-202/EET202L: Applied Circuits I &Lab	4
ELE-112: Circuit Analysis II	4	EET-302/EET302: Applied Circuits II & Lab	4
ELE-131: Digital Logic and Circuits **AND** ELE-181: Computer Programming for Technology	6	CST-215/215L: Digital Logic and Design & Lab **AND** General Education: Critical Thinking	4 2

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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