

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			Grand Canyon University		
Course Code	Course Title	Credits	Course Code	Course Title	Applied Semester Credits
ENGINEERING SCIENCE (ECE)					
ECE102 OR ECE102AA	ENGINEERING ANALYSIS TOOLS AND TECHNIQUES	2	--	GENERAL EDUCATION: CRITICAL THINKING	2
ECE103 OR ECE103AB	ENGINEERING PROBLEM SOLVING AND DESIGN	2	--	GENERAL EDUCATION: CRITICAL THINKING	2
ECE105	MATLAB PROGRAMMING	1	--	GENERAL EDUCATION: CRITICAL THINKING	1
ECE111	BIOENGINEERING SYSTEMS	3	--	GENERAL EDUCATION: CRITICAL THINKING	3
ECE211	ENGINEERING MECHANICS-STATICS	3	MET-212	STATIC ANALYSIS OF MECHANICAL SYSTEMS & LAB	3
ECE211 AND ECE212	ENGINEERING MECHANICS-STATICS (3) AND ENGINEERING MECHANICS-DYNAMICS(3)	6	ESG-360	STATICS AND DYNAMICS & LAB (4) AND GENERAL EDUCATION: CRITICAL THINKING (2)	6
ECE212	ENGINEERING MECHANICS-DYNAMICS	3	MET-213	DYNAMIC ANALYSIS OF MECHANICAL SYSTEMS & LAB	3
ECE214	ENGINEERING MECHANICS	4	--	GENERAL ELECTIVE	4
ECE215	MECHANICS OF MATERIALS		MET-203 OR MEE-352	STRENGTH OF MATERIALS & LAB OR SOLID MECHANICS & LAB	3
ECE216 AND ECE216LL	COMPUTER-AIDED ENGINEERING (2) AND COMPUTER-AIDED ENGINEERING LABORATORY (1)	3	ESG-250	COMPUTER AIDED ENGINEERING & LAB	3
ELECTRICAL ENGINEERING (EEE)					
EEE120 OR CSC120	DIGITAL DESIGN FUNDAMENTALS	4	CST-215	DIGITAL LOGIC AND DESIGN & LAB	4
EEE202	CIRCUITS AND DEVICES	5	--	GENERAL ELECTIVE	5
EEE220 OR CSC220	PROGRAMMING FOR COMPUTER ENGINEERING	3	CST-211	PROGRAMMING AND ENGINEERING & LAB	3
EEE230 OR CSC230	COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE	4	CST-307	INTRODUCTION TO COMPUTER ARCHITECTURE & LAB	4
ELECTRONIC (ELE)					
ELE111	CIRCUIT ANALYSIS I	4	EET-202 AND EET-202L	APPLIED CIRCUITS I (LECTURE & LAB)	4
ELE112	CIRCUIT ANALYSIS II	4	EET-302	APPLIED CIRCUITS II & LAB	4
ELE121	SOLID-STATE DEVICES AND CIRCUITS I	4	--	GENERAL EDUCATION: CRITICAL THINKING	4
ELE131 AND ELE181	DIGITAL LOGIC AND CIRCUITS (3) AND COMPUTER PROGRAMMING FOR TECHNOLOGY (3)	6	CST-215	DIGITAL LOGIC AND DESIGN & LAB (4) AND GENERAL EDUCATION: CRITICAL THINKING (2)	6
ELE222	SOLID-STATE DEVICES AND CIRCUITS II	4		GENERAL EDUCATION: CRITICAL THINKING	4

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Course Code	Course Title	Credits	Course Code	Course Title	Applied Semester Credits
ELE241	MICROPROCESSOR CONCEPTS	4		GENERAL EDUCATION: CRITICAL THINKING	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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