

# MECHANICAL ENGINEERING

CCRI students who wish to transfer to URI's Bachelor of Science in mechanical engineering must have a minimum grade point average of 2.5 in the mathematics, science, and engineering courses being transferred.

<b>From: CCRI A. S. Engineering</b>		<b>To: URI B.S. Mechanical Engineering</b>	
<b>ENGLISH</b>			
ENGL 1010	Composition I (3 )	WRT 104	Writing to Inform (3 ) [GE-Cw]
◆SPCH 1100	Oral Communications I (3 )	COM 100	Communication Fundamentals (3 ) [GE-C]
<b>MATH</b>			
MATH 1910	Calculus I (4 )	MTH 141	Introduction to Calculus (4 ) [GE-M]
MATH 1920	Calculus II (4 )	MTH 142	Intermediate Calculus (4 ) [GE-M]
MATH 2910	Calculus III (4 )	MTH 243	Multivariable Calculus (3 )
MATH 2990	Advanced Engineering Mathematics (4 )	MTH 244	Differential Equations (3) +
		MTH 2XX (1)	
<b>SCIENCE</b>			
CHEM 1030	General Chemistry I (5 )	CHM 101 General Chemistry I (3 ) + CHM 102 General Chemistry I Lab (1 ) + CHM 1XX (1)	[GE-N] [GE-N]
ENGR 2150	Introduction to Electrical Engineering (3 )	PHY 204 Elementary Physics II (3 )	[GE-N]
ENGR 2151	Introduction to Electrical Engineering Lab (1 )	PHY 274 Elementary Physics II Lab (1 )	[GE-N]
PHYS 1100	Engineering Physics (4 )	PHY 203 Elementary Physics I (3 ) + PHY 273 Elementary Physics I Lab (1 ) +	[GE-N] [GE-N]
PHYS 2110	Acoustics, Optics, Thermo (3 )+	PHY 205 Elementary Physics III (3 )+	
PHYS 2111	Acoustics, Optics, Thermo Lab (1 )	PHY 275 Elementary Physics III Lab (1 )	
<b>SOCIAL SCIENCE</b>			
ECON 2030	Principles of Microeconomics (3 )	ECN 201 Economic Principles: Microeconomics (3 )	[GE-S]
◆ECON 2040	Principles of Macroeconomics (3 )	ECN 202 Economic Principle: Macroeconomics (3 )	[GE-S]
<b>LIBERAL ARTS ELECTIVE</b>			
◆EGR 316	Engineering Ethics (Course at URI)	EGR 316 Engineering Ethics (3 )	[GE-L]
◆HIST 1220	United States History from 1877 (3 )	HIS 142 United States History since 1877 (3 )	[GE-L]
<b>CONCENTRATION FOR TRANSFERRING TO URI</b>			
ENGR 1020	Introduction to Engineering and Technology (3 )	EGR 105 Foundations of Engineering I (1) + EGR 1XX (2)	
ENGR 2160	Introduction to Engineering Analysis (2 )	EGR 106 Foundations of Engineering II (2 )	
ENGR 1030	Engineering Graphics (3 )	MCE 201 Engineering Graphics (3)	
ENGR 2050	Engineering Mechanics-Statics (3 )	MCE 262 Statics (3 )	
ENGR 2060	Engineering Mechanics-Dynamics (3 )	MCE 263 Dynamics (3 )	
ENGR 2620	Linear Electrical Sys & Circuit Theory (3 )	ELE 220 Passive and Active Circuits (3 )	
ENGR 2540	Mechanics of Materials for Engineers (3 )	CVE 220 Mechanics of Materials (3 )	

◆indicates a recommended course or course option. Consult an advisor and the Transfer Guide in selecting a course to meet this requirement.