

# ELECTRICAL ENGINEERING

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

From: CCRI <i>A. S. Engineering</i>		To: URI <i>B.S. Electrical Engineering</i>	
<b>ENGLISH</b>			
ENGL 1010	Composition I (3 )	WRT 104	Writing to Inform & Explain (3 ) [GE-Cw]
◆ ENGL 2100	Technical Report Writing (3 )	WRT 333	Scientific and Technical Writing (3 ) [GE-Cw]
<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 ) +
		MTH 2XX (1)	
MATH 2990	Advanced Engineering Mathematics (4 )	MTH 362	Advanced Engineering Mathematics I (3 ) +
		MTH 3XX (1)	
<b>SCIENCE</b>			
CHEM 1030	General Chemistry I (5 )	CHM 101	General Chemistry I (3 ) + [GE-N]
		CHM 102	General Chemistry I Lab (1 ) + [GE-N]
		CHM 1XX (1)	
ENGR 2150	Introduction to Electrical Engineering (3 )	PHY 204	Elementary Physics II (3 )
ENGR 2151	Introduction to Electrical Engineering Lab (1 )	PHY 274	Elementary Physics II Lab (1 )
PHYS 1100	Engineering Physics (4 )	PHY 203	Elementary Physics I (3 )+ [GE-N]
		PHY 273	Elementary Physics I Lab (1 ) [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 )
PHYS 2820	Modern Physics I (3 )	PHY 306	Elementary Modern Physics (3 )
<b>SOCIAL SCIENCE</b>			
ECON 2030	Principles of Microeconomics (3 )	ECN 201	Principles of Economics: Microeconomics (3 ) [GE-S]
<b>LIBERAL ARTS ELECTIVES</b>			
◆ HIST 1210	United States History to 1877 (3 )	HIS 141	United States History to 1877 (3 ) [GE-L]
◆ HIST 1220	United States History from 1877 (3 )	HIS 142	United States History from 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 2320	Digital Electronics (4 )	ELE 201	Digital Circuit Design (3 ) +
		ELE 202	Digital Circuit Design Lab (1 )
ENGR 2620	Linear Circuit Theory (3 )	ELE 212	Linear Circuit Theory (3 )
ENGR 2621	Linear Circuit Lab (2 )	ELE 215	Linear Circuit Lab (2 )
ENGR 2520	Microprocessor and Microcomputer (4 )	ELE 205	Microprocessors (2) +
		ELE 206	Microprocessor Lab (1) +
		ELE 2XX (1)	
MATH 1510	Scientific Programming (3 )	CSC 200	Introduction to Computing (4 )

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