

COMPUTER ENGINEERING

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

From: CCRI A. S. Engineering		To: URI B.S. Computer Engineering	
ENGLISH			
ENGL 1010	Composition I (3)	WRT 104	Writing to Inform (3) [GE-Cw]
◆ENGL 2100	Technical Report Writing (3)	WRT 333	Scientific and Technical Writing (3) [GE-Cw]
MATH			
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)	
SCIENCE			
CHEM 1030	General Chemistry I (5)	CHM 101	General Chemistry I (3)+ [GE-N]
		CHM 102	General Chemistry I Lab (1) + [GE-N]
			Elective Credit (1)
PHYS 1100	Engineering Physics (4)	PHY 203	Elementary Physics I (3) + [GE-N]
		PHY 273	Elementary Physics I Lab (1) [GE-N]
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)
SOCIAL SCIENCE			
ECON 2030	Principles of Microeconomics (3)	ECN 201	Principles of Economics: Microeconomics (3) [GE-S]
◆ECON 2040	Principles of Macroeconomics (3)	ECN 202	Principles of Economics: Macroeconomics (3) [GE-S]
LIBERAL ARTS ELECTIVES			
◆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]
CONCENTRATION FOR TRANSFERRING TO URI			
COMI 1510	JAVA Programming (3) + Free Elective (1)	CSC 211	Introduction to Programming and Design (4)
CSC 212	Data Structures & Abstractions (4) (URI course)	CSC 212	Data Structures & Abstractions (4)
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 2520	Microprocessor and Microcomputer (4)	ELE 208	Introduction to Computing Systems (2) +
		ELE 209	Intro to Computing Systems Lab (1) +
		ELE 2XX (1)	
ENGR 2620	Linear Electrical Systems and Circuit Theory for Engineers (3)	ELE 212	Linear Circuit Theory (3)
ENGR 2621	Linear Circuit Lab (1)	ELE 215	Linear Circuit Lab (2)

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