INDUSTRIAL AND SYSTEMS ENGINEERING

CCRI students who wish to transfer to URI's Bachelor of Science in industrial and systems 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. Industrial 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 MTH 2XX (2)	Multivariable Calculus (3) **+**	
MATH 2990	Advanced Engineering Mathematics (4)	MTH 362 MTH 3XX (1)	Advanced Engineering Mathematics I (3) +	
SCIENCE				
CHEM 1030	General Chemistry I (5)	CHM 101 CHM 102 CHM 1XX (1)	General Chemistry I (3) **+** General Chemistry I Lab (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 PHY 273	Elementary Physics I (3)**+** Elementary Physics I Lab (1)**+**	**[GE-N]** **[GE-N]**
PHYS 2110 PHYS 2111	Acoustics, Optics & Thermodyn (3) + Acoustics, Optics & Thermodyn Lab (1)	PHY 205 PHY 275	Elementary Physics III (3) Elementary Physics III Lab (1)	
SOCIAL SCIENCE				
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]**
LIBERAL ARTS ELECTIVE				
EGR 316	Engineering Ethics (URI Course)	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]**
CONCENTRATION FOR TRANSFERRING TO URI				
COMI 1521 COMI 1522 ENGT 1060	Introduction to Visual Basic (1)**+** Intermediate Visual Basic (1) **+** AutoCAD (Basic) (1)	ISE 325	Computer Tools for Engineers (3)	
ENGR 1020	Introduction to Engineering and Technology (3)	EGR 105 EGR 1XX (2)	Foundations of Engineering I (1) **+**	
ENGR 1030	Engineering Graphics (3)	MCE 201	Engineering Graphics (3)	
ENGR 2160	Introduction to Engineering Analysis (2)	EGR 106	Foundations of Engineering II (2)	
ENGR 2050	Engineering Mechanics-Statics (3)	MCE 262	Statics (3)	
ENGR 2060	Engineering Mechanics-Dynamics (3)	MCE 263	Dynamics (3)	
ENGR 2620	Linear Circuit Theory (3)	ELE 220	Passive and Active Circuits (3)	
ENGR 2540	Mechanics of Materials (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.

Dcv 7/24/09