

OCEAN ENGINEERING

Program Transfer Plan for *SUNY Adirondack CC* students who wish to transfer to URI's Bachelor of Science (B.S.) degree program in Ocean Engineering

From: SUNY Adirondack A. S. Engineering Science		To: URI B.S. Ocean Engineering	
CONCENTRATION FOR TRANSFERRING TO URI (Mathematics, Science, and Engineering Courses)		MATHEMATICS, SCIENCE, and ENGINEERING	
MATHEMATICS		MATHEMATICS	
MAT 131	Calculus I (4)	MTH 141	Introduction to Calculus (4) [GE-MQ]
MAT 132	Calculus II (4)	MTH 142	Intermediate Calculus (4) [GE-MQ]
MAT 231	Calculus III (4)	MTH 243	Multivariable Calculus (3) + MTH 2XX Elective (1)
MAT 232	Differential Equations (3)	MTH 244	Differential Equations (3)
SCIENCE		SCIENCE	
CHM 111	General Chemistry I (4)	CHM 101	General Chemistry I (3) + [GE-N]
EGR 105	Engineering Physics I (4)	CHM 102	General Chemistry I Lab (1)
EGR 106	Engineering Physics II (4)	PHY 203	Elementary Physics I (3) + [GE-N]
EGR 204	Engineering Physics III (4)	PHY 273	Elementary Physics I Lab (1) [GE-N]
		PHY 205	Elementary Physics III (3) + [GE-N]
		PHY 275	Elementary Physics III Lab (1) [GE-N]
		PHY 204	Elementary Physics II (3) + [GE-N]
		PHY 274	Elementary Physics II Lab (1) [GE-N]
ENGINEERING		ENGINEERING	
EGR 209	Mechanics II - Mechanics of Materials (3)	CVE 220	Mechanics of Materials (3)
EGR 180	Introduction to Engineering Design (3)	EGR 105	Foundations of Engineering I (1) + EGR 1XX Elective (2)
No Equivalency [Take This Course at URI or Approved Equivalent Course at Another Institution]		EGR 106	Foundations of Engineering II (2)
EGR 207	Mechanics I - Statics (3)	MCE 262	Statics (3)
EGR 208	Dynamics (3)	MCE 263	Dynamics (3)
No Equivalency [Take This Course at URI or Approved Equivalent Course at Another Institution]		OCE 101	Introduction to Ocean Engineering (1)
No Equivalency [Take This Course at URI or Approved Equivalent Course at Another Institution]		OCE 205	Ocean Engineering Design Tools (4)
No Equivalency [Take This Course at URI or Approved Equivalent Course at Another Institution]		OCE 206	Ocean Instrumentation (4)
GENERAL EDUCATION		GENERAL EDUCATION	
LIBERAL ARTS		ENGLISH COMMUNICATION	
◆ENGL 101	Introduction to College Writing (3)	WRT 104	Writing to Inform and Explain (3) [GE-ECw]
ENGL 110	Elements of Technical Writing (3)	WRT 333	Scientific and Technical Writing (3) [GE-ECw]
HUMANITIES		LETTERS	
◆PHI 202	Ethics (3)	PHL 212	Ethics (3) [GE-L]
SOCIAL SCIENCE		SOCIAL SCIENCE	
ECO 202	Principles of Microeconomics (3) [Required for All Engineering at URI]	ECN 201	Principles of Economics: Microeconomics (3) [GE-S]

◆Indicates a recommended course.

GEV (URI) / KSM (SUNY ACC) - 05/07/14