

Engineering Science

ASNUNTUCK COMMUNITY COLLEGE Engineering Science	WESTERN NEW ENGLAND UNIVERSITY Engineering
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
Major Requirements	
MAT 268 Calculus III	MATH 235 Calculus III
MAT 285 Differential Equations	MATH 236 Differential Equations
ENGR XXX Applied Mechanics I *	ME 202 Statics (recommended)
ENGR XXX Applied Mechanics II *	ME 203 (Dynamics recommended for ME and Civil Engineering)
PHY 221 Calculus-Based Physics I	PHYS 133 Mechanics
PHY 222 Calculus-Based Physics II	PHYS 134 Electricity & Magnetism
CSC 210 C Programming *	ENGR 105 Computer Programming for Engineers
Technical Electives (6 credits) (or) Foreign Language Electives (6 credits)	* see below
General Education Requirements	
ENG 101 Composition	ENGL 132 English Composition I
ENG 103 Composition II	ENGL 133 English Composition II
Fine Arts Elective (3-4 credits)	General Elective
SOC 190 Self & Others: Dynamics of Diversity	SO 101 Introduction to Sociology
Social & Behavioral/Humanities Electives (6 credits)	** see below
MAT 254 Calculus I	MATH 133 Calculus I
MAT 256 Calculus II	MATH 134 Calculus II
CHE 121 General Chemistry I	CHEM 105 General Chemistry I
CHE 122 General Chemistry II	CHEM 106 General Chemistry II

This is not an articulation agreement. This chart should serve as a reference for Asnuntuck Community College students who eventually plan to transfer to Western New England University. We hope that this will aid you in working towards your academic goals and maximize the transfer credit applied towards a degree at Western New England University. Please reference to our University Catalogue for additional information. A maximum of 70 semester hours may be transferred from two-year institutions.

* For courses not offered at Asnuntuck Community College, please consult with the transfer counselor at Asnuntuck Community College and Western New England University to ensure that the course(s) will apply to the curriculum. For technical electives please speak with a transfer counselor at Western New England University to identify courses that can be applied to your engineering major.

** The following Asnuntuck Community College courses will count towards satisfying Western New England University general University requirements: HIS 101 Western Civilization and either PHL 101 Introduction to Philosophy or PHL 111 Ethics.

Candidates for **Electrical Engineering** or **Computer Engineering** are encouraged to complete two, four-credit circuits courses during their first two years of study and to complete a four-credit digital design course prior to enrolling at Western New England University. Without these three courses a student will require additional time to satisfy the bachelor's degree requirements.

Candidates for **Mechanical** or **Industrial Engineering** are encouraged to complete one four-credit circuits course prior to enrolling.

Candidates for **Civil Engineering** are encouraged to complete one surveying course with lab prior to enrollment at Western New England University.