

PRE-ENGINEERING

Get started on a degree in engineering at Northeast Community College. We offer an Associate of Science degree that will transfer to many engineering schools in the region.

Suggested Program of Study for Associate of Science Degree (2 Years)

FIRST YEAR

Course	Credits
ENGL 2070 Technical Communications I*	3
MATH 1600 Analytic Geometry and Calculus I*	5
CHEM 1090 General Chemistry I* OR CHEM 1140 General Chemistry I for Majors*	4-5
ENGR 1010 Introduction to Engineering Design	3
ENGR 1015 Engineering Design Fabrication Lab for Pre-Engineers	1
	16-17

Course	Credits
English/Literature*	3
MATH 2010 Analytic Geometry and Calculus II*	5
PHYS 2110 General Physics I with Calculus*	5
Elective(s)**	4-5
	17-18

SECOND YEAR

Course	Credits
PHYS 2120 General Physics II with Calculus	5
ENGR 2020 Engineering Statics	3
MATH 2100 Differential Equations	3
Behavioral and Social Sciences*	3
	14

Course	Credits
English/Literature,* Fine Arts and Language,* OR Behavioral or Social Science*	3-4
MATH 2020 Analytic Geometry and Calculus III	5
Oral Communication*	3
Elective(s)**	3-6
	14-18

Total Credit Hours 61-67

To earn an associate of science degree, a student must satisfactorily complete a minimum of 60 semester hours that include the general education requirements.

*See general education requirements.

**See advisor for assistance choosing elective(s) based on professional goals and transfer institution.