

Associate in Engineering Degree
(A10500)

The Associates in Science degree is recommended for students who plan to transfer to four-year colleges or universities to pursue the Bachelor of Science degree. Students who follow the degree progression plan will meet the entrance requirements at all of the North Carolina public Bachelor of Science Engineering programs.

GENERAL EDUCATION CORE 42 SHC

English Composition (6 SHC)

- ENG 111 Writing and Inquiry
- ENG 112 Writing/Research in the Disciplines

Communications (3 SHC)

- COM 231 Public Speaking

Humanities/Fine Arts (3 SHC)

- Choose one course from the following list:
 - English
 - ENG 231 American Literature I
 - ENG 232 American Literature II
 - ENG 241 British Literature I
 - ENG 242 British Literature II
 - Philosophy
 - PHI 240 Introduction to Ethics

Social/Behavioral Sciences (6 SHC)

- ECO 251 Principles of Microeconomics
- Choose a minimum of 3 additional hours
 - History
 - HIS 111 World Civilizations I
 - HIS 112 World Civilizations II
 - HIS 131 American History I
 - HIS 132 American History II
 - Political Science
 - POL 120 American Government
 - Psychology
 - PSY 150 General Psychology
 - Sociology
 - SOC 210 Introduction to Sociology

Mathematics (12 SHC)

- MAT 271 Calculus I
- MAT 272 Calculus II

MAT 273 Calculus III

Natural Sciences (12 SHC)

Chemistry

CHM 151 General Chemistry I

Physics

PHY 251 General Physics I

PHY 252 General Physics II

OTHER REQUIRED HOURS (18 SHC)

- **Academic Transition**
ACA 122 College Transfer Success
- **Engineering**
EGR 150 Introduction to Engineering
- Choose a minimum of 12 credits from the following:
BIO 111 General Biology
CHM 152 General Chemistry II
CSC 134 C++ Programming
DFT 170 Engineering Graphics
ECO 252 Principles of Macroeconomics
EGR 220 Engineering Statics
MAT 280 Linear Algebra
MAT 285 Differential Equations
PED 110 Fit and Well for Life

TOTAL SEMESTER HOURS CREDIT (SHC) IN PROGRAM 60 SHC
