

ASSOCIATE OF SCIENCE DEGREE PRE-ENGINEERING

Recommended Program of Study

FIRST YEAR:

| <i>Fall Semester</i> | <i>Hours</i> |
|---------------------------------------|--------------|
| COLL 101 College Orientation | 1 |
| MATH 150 Calculus I, Part 1* | 2 |
| CHEM 111 General Chemistry I* | 5 |
| COMP 111 Introduction to Programming* | 4 |
| ENGL 101 English Composition I* | 3 |
| TOTAL | 15 |

| <i>Spring Semester</i> | <i>Hours</i> |
|--|--------------|
| MATH 160 Calculus I, Part 2* | 3 |
| PHYS 190 General Physics I* | 5 |
| ENGL 102 English Composition II* -or- SPCH 101 Fundamentals of Speech | 3 |
| ECON 201 Principles of Economics I -or- ECON 202 Principles of Economics II | 3 |
| Approved Humanities Course | 3 |
| TOTAL | 17 |

SECOND YEAR:

| <i>Fall Semester</i> | <i>Hours</i> |
|--|--------------|
| MATH 201 Calculus II* | 5 |
| PHYS 210 General Physics II* | 5 |
| Approved Social Science Course | 3 |
| HIST 106 U.S. History I -or- PLSC 103 Nat. State and Local Government | 3 |
| TOTAL | 16 |

| <i>Spring Semester</i> | <i>Hours</i> |
|---------------------------------|--------------|
| MATH 202 Calculus III* | 5 |
| MATH 210 Differential Equations | 3 |
| PHYS 250 Statics* | 3 |
| Approved Technical Electives | 6 |
| TOTAL | 17 |

TOTAL HOURS REQUIRED 65

*Prerequisite required