Suggested Program of Study

Department:

Pre-Professional

Program Description:

Pre-Engineering is a transfer program for students who plan to complete an associate in science degree at HCC and then transfer to another institution to pursue a bachelor’s degree. Engineers apply the theories and principles of science and mathematics to the solution of practical or technical problems.

Please note that MAT 104 College Algebra and MAT 105 Trigonometry must be taken prior to starting this program in order to complete course work in two years. The beginning course in mathematics for this curriculum is Calculus I.

Suggested Courses:

Basic Skills (15 credits)

- ENG 101 College English I
- ENG 102 College English II
- SP 106 Public Speaking
- COL 103 College Success and Orientation
- Physical Education Elective*
- Computer Literacy Elective*

Humanities and Fine Arts (6 credits)

- Electives*

Social and Behavioral Sciences (6 credits)

- BUS 203 Macroeconomics
- Elective*

Mathematics and Sciences (20 credits)

- MAT 106 Calculus I
- MAT 110 Calculus II
- MAT 201 Calculus III
- PS 111 College Chemistry I

Program Courses (16 credits)

- PS 112 College Chemistry II
- PS 215 College Physics I
- PS 216 College Physics II
- Electives*

To see a course description and syllabus, click [here].
To search for a class to see when it is scheduled, click [here].
*See Degree Planning Sheet for [Associate in Science].