

**Program Requirements:**

"Program Requirements" specify the courses required for this program. See suggested course sequence for additional information.

**A major of 24 units is required for the degree.**

| <b>COURSE</b>                     | <b>TITLE</b>                       | <b>UNITS</b> |
|-----------------------------------|------------------------------------|--------------|
| <input type="checkbox"/> CS 111   | Fundamentals of Programming 1      | 4            |
| <input type="checkbox"/> ET 100   | Computer Aided Drafting and Design | 3            |
| <input type="checkbox"/> ET 140   | Engineering Drawing                | 3            |
| <input type="checkbox"/> ET 145   | Advanced Engineering Drawing       | 3            |
| <input type="checkbox"/> ET 117   | Print Reading and Interpretation   | 3            |
| <input type="checkbox"/> PHYS 141 | General Physics 1                  | 4            |
| <input type="checkbox"/> PHYS 142 | General Physics 2                  | 4            |

## Suggested Course Sequence

The "Suggested Course Sequence" is an example of how to complete the requirements plus any additional general education that may be needed. If you would like to create a personalized Student Education Plan (SEP), schedule a meeting with a counselor.

This suggested plan assumes a student is eligible for MATH 121.

### FALL SEMESTER (YEAR 1)

| Course                                | Title                         | Units   |
|---------------------------------------|-------------------------------|---------|
| <input type="checkbox"/> CS 111       | Fundamentals of Programming 1 | 4       |
| <input type="checkbox"/> MATH 121     | Trigonometry                  | 3       |
| <input type="checkbox"/> AHC GE REQ   | Category 2A: Social Sciences  | 3       |
| <input type="checkbox"/> AHC Grad Req | Dance or Physical Activity    | .5-3    |
| <input type="checkbox"/> AHC Grad Req | Health Education or First Aid | 3       |
| <b>Total Units</b>                    |                               | 13.5-16 |

#### Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library & tutoring
- Review Financial Aid Req.
- Apply AHC Scholarship

### SPRING SEMESTER (YEAR 1)

| Course                              | Title                                       | Units |
|-------------------------------------|---|-------|
| <input type="checkbox"/> ET 100     | Computer Aided Drafting and Design          | 3     |
| <input type="checkbox"/> ENGL 101   | Freshman Composition: Exposition            | 4     |
| <input type="checkbox"/> AHC GE REQ | Category 2B: American History or Government | 3     |
| <input type="checkbox"/> AHC GE REQ | Category 3: Humanities                      | 3     |
| <b>Total Units</b>                  |   | 16    |

#### Tasks:

- Set up Jobspeaker
- Attend Career Exploration Day
- Complete the FAFSA or Dream Act by March 2
- Apply AHC Scholarship

### FALL SEMESTER (YEAR 2)

| Course                              | Title                              | Units |
|-------------------------------------|------------------------------------|-------|
| <input type="checkbox"/> ET 100     | Computer Aided Drafting and Design | 3     |
| <input type="checkbox"/> AHC GE REQ | Category 5: Living Skills          | 3     |
| <input type="checkbox"/> ELECTIVE   | 100-LEVEL COURSE                   | 3     |
| <input type="checkbox"/> ELECTIVE   | 100-LEVEL COURSE                   | 3     |
| <b>Total Units</b>                  |                                    | 16    |

#### Tasks:

- Meet with a Counselor
- Develop Resume at Career Center
- Review Financial Aid Requirements
- Apply for AHC Scholarship

### SPRING SEMESTER (YEAR 2)

| Course                                | Title                            | Units |
|---------------------------------------|----------------------------------|-------|
| <input type="checkbox"/> ET 145       | Advanced Engineering Drawing     | 3     |
| <input type="checkbox"/> AHC Grad Req | Multicultural and Gender Studies | 3     |
| <input type="checkbox"/> ELECTIVE     | 100-LEVEL COURSE                 | 3     |
| <input type="checkbox"/> ELECTIVE     | 100-LEVEL COURSE                 | 3     |
| <b>Total Units</b>                    |                                  | 15-16 |

#### Tasks:

- Apply for Degree with Counseling
- Utilize Job Search Resources
- Complete FAFSA or Dream Act by March 2
- Attend Job Fair/Career Exploration Day