

(Previously, Engineering/Electro- Mechanical Design, name change effective term of Summer 2018)

Certificate: Engineering Technology – CAD & Design Drafting

| Requirements | Dept. Name/# | Course Title | Units | Sequence |
|--|--------------|--|-------|----------------|
| Required Courses | ENGR 100 | Introduction to Engineering | 3 | Year 1, Fall |
| | ENGR 101 | Engineering Drafting and Basic Design | 3 | Year 1, Fall |
| | ENGR 102 | Engineering Print Reading for Industry | 3 | Year 1, Spring |
| Prerequisite: ARCH 101 or ENGR 101 or equivalent | ENGR 109 | Computer Aided Design AutoCAD 1 | 3 | Year 1, Spring |
| Prerequisite: ENGR 109 or equivalent | ENGR 110 | Computer Aided Design AutoCAD 2 | 3 | Year 2, Fall |
| Prerequisite: ENGR 101 or equivalent | ENGR 111 | Computer Aided Design SOLIDWORKS I | 3 | Year 1, Spring |
| Prerequisite: ENGR 111 or equivalent | ENGR 112 | Computer Aided Design SOLIDWORKS II | 3 | Year 2, Fall |

Required Major Total: 21 Units

Proposed Sequence

Year 1, Fall: 6 units

Year 1, Spring: 9 units

Year 2, Fall: 6 units

Year 2, Spring: 0 units