

Career Education

Computer-Aided Drafting and Design-AAS

Computer-Aided Drafting and Design Technicians prepare detailed drawings based on rough sketches, specifications, and calculations made by scientists, engineers, architects, and designers.

Associate of Applied Science

Computer Aided Drafting and Design

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

University Requirement - 1 or 3 hours

University Requirement

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

UNIV 1001 Principles of Academic Success I
 UNIV 1003 Principles of Academic Success III

Department

University
 University

Computer-Aided Drafting & Design - 60 hours

First Year

First Semester - 16 hours

First Year, First Semester

ENG 1003 Freshman English I
 MATH 1013 Technical Mathematics A, B, C, D, E, J, M and V
 EGT 1004 Computer-Aided Engineering Graphics
 GEOG 1233 Introduction to Geographic Information Systems

Department

English
 Mathematics
 Computer-Aided Drafting and Design
 Geography

First Year, First Semester

Select one Social Science course from the departments listed below.

HIST (History), SOC (Sociology), POSC (Political Science), ECON (Economics), PSY (Psychology), or GEOG (Geography)

Department

Second Semester - 14 hours

First Year, Second Semester

EGT 1114 Intermediate Drafting
 EGT 2153 Civil Drafting Technology
 EGT 2134 Introduction to Inventor

Department

Computer-Aided Drafting and Design
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First Year, Second Semester

Choose one course below.

- ENG 1013 Freshman English II
- ENG 2033 Technical Writing and Communication

Department

- English
- English

Summer - 3 hours (OPTIONAL)

First Year, Summer - 3 hours (OPTIONAL)

- EGR 2203 Cooperative Work Experience

Department

- Engineering Technology

Second Year

First Semester - 15 hours

Second Year, First Semester

- EGT 2183 Architectural Drafting I
- EGT 2234 Inventor II
- EGT 2144 Introduction to Solid Works
- EGT 2114 Introduction to Pro/Engineer

Department

- Computer-Aided Drafting and Design
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Second Semester - 15 hours

Second Year, Second Semester

- EGT 2163 Structural Drafting I
- EGT 2284 Advanced Revit
- EGT 2214 Pro-Engineer II
- EGT 2244 Solid Works II

Department

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