



Computer-Aided Drafting & 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 & 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—1 HOUR or 3 HOURS

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

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.

Department

- University
- University

COMPUTER-AIDED DRAFTING & DESIGN REQUIREMENTS

* These courses have lab hours in addition to lecture hours.

FIRST YEAR

First Semester—16 HOURS

- ENG 1003 Freshman English I
- MATH 1013 Technical Mathematics (or higher)
- EGT 1004 Computer-Aided Engineering Graphics*
- GEOG 1233 Introduction to GIS*

Select one social science course from the following departments.

- HIST
- SOC
- POSC
- ECON
- PSY
- GEOG

Department

- English
- Mathematics
- Engineering Graphics Tech
- Geography

- History
- Sociology
- Political Science
- Economics
- Psychology
- Geography

Second Semester—14 HOURS

- EGT 1114 Intermediate Drafting*
- EGT 2153 Civil Drafting Tech*
- EGT 2134 Introduction to Inventor*

Choose one below.

- ENG 1013 Freshman English II
- ENG 2033 Technical Communication

Department

- Engineering Graphics Tech
- Engineering Graphics Tech
- Engineering Graphics Tech

- English
- English

Summer—3 HOURS (Optional)

- EGR 2203 Cooperative Work Experience

Department

- Engineering Tech

SECOND YEAR





First Semester—15 HOURS

- EGT 2183 Architectural Drafting I*
- EGT 2234 Inventor II*
- EGT 2144 Introduction to Solid Works*
- EGT 2174 Introduction to Fusion 360

Second Semester—15 HOURS

- EGT 2163 Structural Drafting I*
- EGT 2284 Advanced Revit*
- EGT 2204 Advanced AutoCAD
- EGT 2244 Solid Works II*

Department

- Engineering Graphics Tech
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