



Computer-Aided Drafting & Design—AAS

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

Department

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



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
Engineering Graphics Tech
Engineering Graphics Tech
Engineering Graphics Tech

Mechanical Drafting—TC

Technical certificates are available for those students who desire preparation for more immediate entry into the work force.

**TECHNICAL CERTIFICATE
MECHANICAL DRAFTING**

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

Total Program = 24 Credit Hours

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

Fall Semester—13 HOURS

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

Department

Engineering Graphics Tech
Geography
Mathematics
English

Spring Semester—11 HOURS

ENG	1013	Freshman English II
EGT	1114	Intermediate Drafting*
EGT	2134	Introduction to Inventor*

Department

English
Engineering Graphics Tech
Engineering Graphics Tech

2-D Mechanical CAD Drafting—CP

**CERTIFICATE OF PROFICIENCY
2-D MECHANICAL CAD DRAFTING**

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

Total Program = 8 Credit Hours

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

Requirements

EGT	1004	Computer-Aided Engineering Graphics*
EGT	1114	Intermediate Drafting*

Department

Engineering Graphics Tech
Engineering Graphics Tech