



Associate of Applied Science COMPUTER AIDED DRAFTING

When you successfully complete this program you will be prepared for entry-level CAD positions in engineering, architectural, construction, or surveying firms.

GENERAL EDUCATION (18-19 CRS)

Communications (6 crs)

- ENG 111 English Composition I (3)
- Choose one of the following three courses:*
- ENG 112 English Composition II (3)
- ENG 116 Technical Writing (3)
- SPCH 130 Public Speaking (3)

Math/Computers/Lab Sciences (6–7 crs)

- BCIS 102 Computer Literacy (3)
- MATH 130 Intermediate Algebra (4) or MATH 132 Applied Trades Math II (3)

Social/Behavioral Sciences (3 crs)

- Elective (3)

Humanities and Fine Arts (3 crs)

- Elective (3)

Health, Physical Education & Recreation (1 cr)

- Electives (1)

PROGRAM REQUIREMENTS (45–46 CRS)

General Drafting (32 crs)

- DRFT 100 Computer Aided Drafting I (4)
- DRFT 101 Residential CAD I (4)
- DRFT 102 Mechanical Engineering CAD I (4)
- DRFT 103 Surveying and CAD Mapping I (4)
- DRFT 110 GIS/GPS (3)
- DRFT 111 Commercial Building CAD (4)
- DRFT 112 Mechanical Engineering CAD II (4)
- DRFT 113 Surveying and CAD Mapping II (4)
- DRFT 199 Job Skills (1)

Choose one of the following course combinations (6-7 crs):

- DRFT 201 Residential CAD II (4) *and*
- CONS 206 Building Construction (3)
- or DRFT 202 Mechanical Engineering CADIII (4) *and*
- DRFT 238 3D Mechanical Modeling (2)
- or DRFT 203 Civil Engineering CAD (4) *and*
- CONS 206 Building Construction (3)

Electives (min 7 crs):

- Any advisor-approved DRFT, ME, MATH, Science or CTE related elective(s).

TOTAL CREDITS 64–66