

# Drafting Technology



College of Rural Alaska  
Tanana Valley Campus  
(907) 474-5264

[www.tvc.uaf.edu/programs/draft-info.html](http://www.tvc.uaf.edu/programs/draft-info.html)

Certificate

Minimum Requirements for Certificate: 33-35 credits

The drafting technology program offers three concentrations: architectural drafting, civil drafting, and architectural and civil drafting.

Courses combine the technical know-how and hands-on experience necessary for work in a variety of drafting fields. Students work side-by-side with professionals from the architectural and engineering community, gaining valuable on-the-job experience. In the classroom, students develop skills in mathematics, drawing and lettering, architectural concepts and design and construction techniques. Students use conventional drawing techniques and computer aided drafting.

Students may request credit by examination for any DRT class.

## UNDERGRADUATE PROGRAM

### MAJOR

Drafting Technology—Certificate

Concentrations: Architectural Drafting; Architectural and Civil Drafting; and Civil Drafting

- Complete the certificate requirements (page 30).
- Complete the following:
  - DRT 101—Beginning Drafting I ..... 4
  - DRT 102—Beginning Drafting II ..... 2
  - DRT 121—Building Trades Blueprint Reading ..... 3
  - DRT 170—Beginning AutoCad ..... 3
  - DRT 270—Advanced AutoCad ..... 3
  - MATH 107X—Functions for Calculus ..... 3
  - MATH 108—Trigonometry ..... 2
- Complete 1 of the following:
  - CIOS 160—Business English ..... 3
  - CIOS 260—Business Communications ..... 3
  - ENGL 212—Business, Grant, and Report Writing ..... 3
- Complete 3 credits from the following:
  - DRT 115—Graphics I ..... 3
  - DRT 123—Uniform Building code ..... 3
  - DRT 125—Lettering I ..... 2
  - DRT 130—Perspective Drafting I ..... 4
  - DRT 132—Perspective Drafting II ..... 4
  - DRT 160—Drafting Co-Op Work Experience ..... 2-3
  - DRT 250—Civil Drafting III—Advanced ..... 4
  - ART 104—Introduction to Drawing ..... 1-3
  - ART 105—Beginning Drawing ..... 3
  - ART 161—Two-Dimensional Design ..... 3
  - ART 162—Color and Design ..... 3
  - ART 163—Three-Dimensional Design ..... 3
  - ART 205—Intermediate Drawing ..... 3
  - ES 101—Introduction to Engineering ..... 2
  - ES 201—Computer Techniques ..... 3

- Complete 1 of the following concentrations:

### Architectural Drafting

- Complete the following:
  - DRT 140—Architectural Drafting ..... 4
  - DRT 151—Civil Concepts ..... 2
- Minimum credits required ..... 33

### Architectural and Civil Drafting

- Complete the following:
  - DRT 140—Architectural Drafting ..... 4
  - DRT 150—Civil Drafting ..... 4
- Minimum credits required ..... 35

### Civil Drafting

- Complete the following:
  - DRT 141—Architectural Concepts ..... 2
  - DRT 150—Civil Drafting ..... 4
- Minimum credits required ..... 33

Note: DRT 140, 141, 150 and 151 are available through the Center for Distance Education and Independent Learning. For information phone (907) 474-5353.



University of Alaska Fairbanks

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