

Drafting Technology

College of Rural Alaska
Tanana Valley Campus
(907) 455-2868
www.tvc.uaf.edu/programs/draft-info.html



Certificate

Minimum Requirements for Certificate: 34-36 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 gain on-the-job experience by working side-by-side with professional architects and engineers. In the classroom, students use conventional drawing techniques and computer-aided drafting. They develop skills in mathematics, drawing and lettering, architectural concepts, and design and construction techniques.

Students may request credit by examination for any DRT class.

Certificate Program

Concentrations: Architectural Drafting, Architectural and Civil Drafting, and Civil Drafting

1. Complete the general university requirements (page 76).
2. Complete the certificate requirements (page 77).
3. Complete the following program requirements:
 - DRT 101—Beginning Drafting I 4
 - DRT 102—Beginning Drafting II 2
 - DRT 121—Reading Construction Blueprints 3
 - DRT 170—Beginning AutoCad 3
 - DRT 270—Advanced AutoCad 3
 - MATH 107X—Functions for Calculus 3
 - MATH 108—Trigonometry 2
4. Complete 1 of the following:
 - CIOS 160—Business English (3)
 - or CIOS 260—Business Communications (3)
 - or ENGL 212—Business, Grant, and Report Writing (3) 3
5. 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

6. Complete 1 of the following concentrations:

Architectural Drafting

- a. Complete the following:
 - DRT 140—Architectural Drafting 4
 - DRT 151—Civil Concepts 2
- b. Minimum credits required 34

Architectural and Civil Drafting

- a. Complete the following:
 - DRT 140—Architectural Drafting 4
 - DRT 150—Civil Drafting 4
- b. Minimum credits required 36

Civil Drafting

- a. Complete the following:
 - DRT 141—Architectural Concepts 2
 - DRT 150—Civil Drafting 4
- b. Minimum credits required 34

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

Note: Page numbers refer to the UAF 2004-2005 academic catalog, which can be viewed online at www.uaf.edu/catalog/.

