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: 36 credits

The drafting technology program offers students the opportunity to gain hands-on experience and knowledge in the field of computer-aided drafting.

Courses combine technical know-how and hands-on experience necessary for work in a variety of drafting fields. Qualified students have the opportunity to work side-by-side with professionals from the architectural and engineering community in internship situations, gaining valuable on-the-job experience. In the classroom, students develop skills in mathematics, drawing and multi-functional AutoCad techniques. Students are introduced to conventional drawing techniques and computer-aided drafting from their very first course.

Certificate Program

1. Complete the general university requirements (page 76).

2. Complete the certificate requirements (page 78).

3. Complete the following program requirements:
    DRT 101—Introduction to Drafting...3
    DRT 110—Computer Literacy for Drafting 3
    DRT 170—Beginning AutoCad 3
    DRT 210—Intermediate AutoCad...3
    PRT 101—Introduction to Process Technology 3
    PRT 110—Introduction to Occupational Safety............................3
    PRT 117—Drafting for Technicians 3

4. Complete 6 credits from the following or program coordinator-approved electives:
    DRT 115—Graphics I..3
    DRT 121—Building Trades Blueprint Reading..............................3
    DRT 123—Uniform Building Code 3
    DRT 140—Architectural Drafting 3
    DRT 150—Surveying Applications 3
    DRT 160—Drafting Internship...1-6
    DRT 270—Advanced AutoCad...3
    ES 101—Introduction to Engineering...3

5. Minimum credits required 36

    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 2005-2006 academic catalog, which can be viewed online at www.uaf.edu/catalog/.