Drafting Technology

College of Rural and Community Development
Tanana Valley Campus
907-455-2868
www.tvc.uaf.edu/programs/drafting/

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 86).

2. Complete the certificate requirements (page 88).

3. Complete the following program requirements:
    DRT F101—Introduction to Drafting..3
    DRT F110—Computer Literacy for Drafting............................3
    DRT F170—Beginning AutoCAD..3
    DRT F210—Intermediate AutoCAD..3
    PRT F110—Introduction to Occupational Safety......................3
    PRT F117—Drafting for Technicians..3

4. Complete 9 credits from the following or program coordinator-approved electives:
    CM F102—Methods of Building Construction 3
    CM F123—Codes and Standards...3
    DRT F112—Introduction to GIS 3
    DRT F115—Graphics I 3
    DRT F121—Building Trades Blueprint Reading.......................3
    DRT F140—Architectural Drafting...3
    DRT F150—Civil Drafting I...3
    DRT F160—Drafting Internship..1 – 6
    DRT F270—Advanced AutoCAD 3
    ES F101—Introduction to Engineering....................................3
    PRT F101—Introduction to Process Technology 3

5. Minimum credits required..36

Note: DRT F140, DRT F141, DRT F150 and DRT F151 are available through the Center for Distance Education and Independent Learning. For information phone 907-474-5353.