

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.