Process Technology

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

A.A.S. Degree

Minimum Requirements for Degree: 63 credits

The process technology program prepares students for employment as operations technicians in the process industry, which includes oil and gas production, mining and milling, transportation and refining, chemical manufacturing, power generation, utilities, wastewater treatment facilities maintenance, and food processing.

This A.A.S. degree program incorporates technical and academic courses covering topics such as pumps and turbines, instrumentation, safety and quality control. Summer internships give students valuable practical experience and exposure to the true nature of process technology careers.

Major—A.A.S. Degree

1. Complete the general university requirements (page 83).
2. Complete the A.A.S. degree requirements (page 87).
3. Demonstrate competence in computer technology skills (through the Process Technology program assessment) or complete one of the following:*
   DRT 110—Computer Literacy for Technology (3)
   or CIOS 150—Computer Business Applications (3)
   or a program advisor-approved computer applications course (3) 3
4. Complete the following program major requirements*:
   PHYS 115X—Physical Science I (4)
   and PHYS 116X—Physical Science II (4)
   or 8 credits of program advisor-approved natural science courses 8
   PRT 101—Introduction to Process Technology 3
   PRT 110—Introduction to Occupational Safety, Health and Environmental Awareness 3
   PRT 130—Process Technology I: Equipment 4
   PRT 140—Industrial Process Instrumentation I 3
   PRT 144—Industrial Process Instrumentation II 3
   PRT 230—Process Technology II: Systems 4
   PRT 231—Process Technology III: Operations 4
   PRT 250—Process Technology Troubleshooting 3
   PRT 255—Process Technology Quality 1
   Major elective credits** 9
5. Minimum credits required: 63

** Student must earn a C grade or better in each course.*

*** Electives must be approved by the Process Technology Program advisor.*