

Process Technology

College of Rural and Community Development
Tanana Valley Campus
907-455-2906
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 86).
 2. Complete the A.A.S. degree requirements (page 90).
 3. Demonstrate competence in computer technology skills (through the Process Technology program assessment) or complete one of the following:*
 - DRT F110—Computer Literacy for Technology (3)
or CIOS F150—Computer Business Applications (3)
or a program advisor-approved computer applications course (3).....3
 4. Complete the following program major requirements*:
 - PHYS F115X—Physical Science I (4)
and PHYS F116X—Physical Science II (4)
or 8 credits of program advisor-approved natural science courses.....8
 - PRT F101—Introduction to Process Technology3
 - PRT F110—Introduction to Occupational Safety, Health and Environmental Awareness.....3
 - PRT F130—Process Technology I: Equipment4
 - PRT F140—Industrial Process Instrumentation I3
 - PRT F144—Industrial Process Instrumentation II3
 - PRT F230—Process Technology II: Systems.....4
 - PRT F231—Process Technology III: Operations4
 - PRT F250—Process Technology Troubleshooting.....3
 - PRT F255—Process Technology Quality1
 - 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.