The associate of applied science degree in process technology combines the technical courses needed to become well versed in the process industry with the academic courses needed to prepare for a successful career. Courses cover topics from pumps and turbines to instrumentation, safety and quality control. A valuable part of the program comes from summer internships giving students the opportunity to gain practical experience and exposure to a wide variety of career options. The process industry includes oil and gas production, mining and milling, transportation and refining, utilities, wastewater treatment and facilities maintenance.

Graduates work in many industries including: oil and gas production, chemical manufacturing, petroleum refining, mining and milling, power generation and utilities, waste and wastewater treatment, and seafood and other food processing industries. Job responsibilities can include monitoring and controlling process systems, maintaining safe work areas and regulatory compliance, troubleshooting operations and testing the product for quality, monitoring instrumentation and controls, and supervising computer or analog automatic control equipment. Technicians may work both indoors and outdoors with process equipment, piping, and material transfers.
PROCESS TECHNOLOGY

COURSES INCLUDE

- Introduction to Process Technology
- Introduction to Occupational Safety, Health and Environmental Awareness
- Process Technology I: Equipment
- Industrial Process Instrumentation I
- Industrial Process Instrumentation II
- Process Technology II: Systems
- Process Technology III: Operations
- Process Technology Troubleshooting
- Process Technology Quality

PROGRAM HIGHLIGHTS

Process technology students train and practice on equipment and models that are current with industry standards. The instructors bring with them years of experience from various fields within the processing industry. Class sizes are small to ensure students receive valuable one-on-one interaction with the instructors as well as ample time to work on the equipment. The Process Technology Program is an active member of the American Society of Safety Engineers.

Students have the following paths to choose from:

- The power generation certificate prepares for entry-level positions in a variety of power generation and industrial fields.
- The safety, health and environmental awareness certificate prepares for work in a variety of safety-related industrial fields and to take the national OHST Certificate Exam.
- The instrumentation technology certificate prepares you for work in a variety of industrial instrumentation fields and to take the entry-level International Society of Automation (ISA) Certificate Examination, a nationally recognized certification.

The associate of applied science degree in process technology combines the technical courses you need to become well versed in the process industry with the academic courses you need to obtain your degree and prepare for a successful career.

OTHER DETAILS

To be prepared for the Process Technology Program, students must have minimum placement in English 111X and DEVM 105.

The program is designed to begin each fall semester. Students can begin early in the summer with core class requirements, see a process technology advisor about this option.

The Process Technology Program is located in the Fairbanks Pipeline Training Center, 3600 Cartwright Court, off of Van Horn Road in Fairbanks.

APPLICATION PROCESS

- Review admission requirements with a process technology advisor by calling 907-479-2436.
- Apply for UAF admission online at: https://uaonline.alaska.edu.
- Call 907-455-2832 for financial information
- Take placement tests for English and math. Call CTC Student Advising and Registration Center for testing information at 907-455-2800.
- Make an appointment for academic advising at 907-479-2436 and meet regularly with a process technology advisor.
- Find classes to register for at www.uaf.edu/coursefinder/
- Get your textbooks & course materials from the UAF Bookstore www.uaf.bkstr.com
- Start your journey at UAF CTC!

PROGRAM CONTACT

Brian Ellingson
Assistant Professor, Program Head
Fairbanks Pipeline Training Center, 3600 Cartwright Court
Fairbanks, Alaska 99709
907-479-2436
907-479-2134 fax
beellingson@alaska.edu