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.
SAFETY, HEALTH & ENVIRONMENTAL AWARENESS

SAMPLE OF COURSES

- Introduction to Process Technology
- Introduction to Occupational Safety, Health and Environmental Awareness
- Injury Prevention and Risk Management
- Program Assessment, Development, and Implementation
- Safety Program Management and Recordkeeping
- Introduction to Industrial Hygiene
- Workplace Injury and Incident Evaluations
- Hazardous Material Operation

PROGRAM HIGHLIGHTS

In addition to textbook learning and classroom lectures, 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.

PROGRAM REQUIREMENTS

To be prepared for the program, students are encouraged to have minimum placement in English 111x and DEV 105. The Safety, Health & Environmental Awareness 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 safety, health & environmental awareness advisor by calling 907-479-2436.
- Apply for UAF admission online at: https://uaonline.alaska.edu.
- Call 907-455-2832 for financial information
- Take the Accuplacer test for English and math course placement. Call CTC Students Services for testing information at 907-455-2800
- Make an appointment for academic advising at 907-479-2436 and meet regularly with a safety, health & environmental awareness 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

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