



**STUDENT LEARNING OUTCOMES  
PROCESS TECHNOLOGY  
AAS DEGREE**

The A.A.S degree in process technology prepares you for employment as an operations technician in the process industry. The process industry includes oil and gas production, mining and milling, transportation and refining, utilities, wastewater treatment and facilities maintenance.

Learning outcomes for graduates of the CTC-UAF Process Technology AAS Degree program:

1. Each graduate will understand the importance of maintaining a safe workplace. In addition, the graduate will understand that a process must be operated in compliance with regulatory requirements and within engineering limits. Upon completion of the program, he/she will be able to create or follow safe operating procedures for basic process units.
2. Each graduate will demonstrate an ability to start up process equipment, shut down process equipment, monitor process equipment, and identify and correct abnormal operating conditions.
3. Each graduate will have the ability to maintain accurate and meaningful records of process events. He/she will be able to interpret event records to determine any changes required for safe operation of a process.
4. Each graduate will have the ability to read and correctly interpret P&ID drawings for basic processes.
5. Each graduate will demonstrate knowledge of process equipment such as piping, valves, vessels, tanks, heat exchangers, pumps, compressors, and boilers and heaters.
6. Each graduate will meet expected outcomes in communications, computation, and human relations, per the University General requirements.