

A.A.S., PROCESS TECHNOLOGY

Program Requirements

Students must earn a C- grade or better in each course.

Minimum Requirements for Process Technology A.A.S.: 60 credits

Code	Title	Credits
General University Requirements		
Complete the general university requirements. (http://catalog.uaf.edu/certificates-associate/)		
A.A.S. Degree Requirements		
Complete the A.A.S. degree requirements. (http://catalog.uaf.edu/certificates-associate/summary-of-certificate-and-associate-degree-requirements/#associateofappliedsciencetext)		
Process Technology Program Requirements ¹		
<i>Physical Science</i>		
Complete one from the following:		4
PHYS F102X	Energy and Society	
PHYS F115X	Physical Sciences	
PHYS F123X	College Physics I	
PHYS F124X	College Physics II	
or 4 credits of program coordinator – approved natural science courses		
<i>Chemistry</i>		
Complete one of the following:		4
CHEM F100X	Chemistry in Complex Systems	
CHEM F103X	Introduction to General Chemistry	
CHEM F104X	Introduction to Organic Chemistry and Biochemistry	
CHEM F105X	General Chemistry I	
CHEM F106X	General Chemistry II	
CHEM F111X	Introduction to Environmental Chemistry of the Arctic	
or 4 credits of program coordinator-approved natural science courses		
Complete the following:		
PRT F101	Introduction to Process Technology	3
PRT F110	Introduction to Occupational Safety, Health and Environmental Awareness	3
PRT F130	Process Technology I: Equipment	4
PRT F140	Industrial Process Instrumentation I	3
PRT F144	Industrial Process Instrumentation II	3
PRT F230	Process Technology II: Systems	4
PRT F231	Process Technology III: Operations	4
PRT F250	Process Troubleshooting	3
PRT F255	Quality Concepts for the Process Industry	1
Complete 9 credits from the following or program coordinator-approved courses:		9

AMIT F129	Surface Mine Safety
AMIT F130	Surface Mining Operations
AMIT F135	Introduction to Mining Systems and Equipment
AMIT F145	Introduction to Mineral Beneficiation
CIOS F150	Computer Business Applications
ELT F101	Basic Electronics: DC Physics
ELT F102	Basic Electronics: AC Physics
ELT F246	Electronic Industrial Instrumentation
PRT F120	Water Quality Management for Process Industries
PRT F160	Oil and Gas Exploration and Production I
PRT F240	Industrial Process Instrumentation III
PRT F248	Valve Maintenance and Instrumentation
PRT F275	Process Technology Internship

¹ Students must earn a C grade or better in each course.