Associate of Applied Science in Process Technology

This program is delivered only through Kenai-Peninsula College.

The Associate of Applied Science (AAS) in Process Technology prepares students for entry-level employment as operations technicians in a variety of industries, including petroleum, mining, power generation, chemical manufacturing, renewable energy, and food processing.

Program coursework includes process equipment, basic instrumentation, operating systems, process facility operations, safety and environmental, plus hands-on operating experience.

The AAS in Process Technology is one of a small group of North American Process Technology Alliance (NAPTA) endorsed process technology programs nationwide.

The AAS in Process Technology constitutes the first two years of the Bachelor of Science (BS) in Applied Technologies Leadership.

Admission Requirements

- Complete the Admission Requirements for Associate Degrees. (http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/)

Graduation Requirements

- Complete the General University Requirements for Associate of Applied Science Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/).
- Complete the General Education Requirements for Associate of Applied Science Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/generaleducationrequirements/).
- Complete the following major requirements with a minimum grade of C:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BADA A105</td>
<td>Introduction to Personal Computers and Application Software</td>
<td>3</td>
</tr>
<tr>
<td>or BADA A110</td>
<td>Computer Concepts in Business</td>
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<tr>
<td>CHEM A103 &amp; A103L</td>
<td>Introduction to General Chemistry and Introduction to General Chemistry Laboratory</td>
<td>4</td>
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<tr>
<td>PHYS A115 &amp; A115L</td>
<td>Physical Science and Physical Science Lab</td>
<td>4</td>
</tr>
<tr>
<td>or PHYS A123 &amp; A123L</td>
<td>College Physics I and College Physics I Laboratory</td>
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PRT A101   Introduction to Process Technology  3
PRT A110   Introduction to Process Safety, Health and Environmental Awareness  3
PRT A130   Process Technology I: Equipment  4
PRT A140   Industrial Process Instrumentation I  3
PRT A144   Industrial Process Instrumentation II  3
PRT A230   Process Technology II: Systems  4
PRT A231   Process Technology III: Operations  4
PRT A250   Process Troubleshooting  3
PRT A255   Quality Concepts for the Process Industry  1

Electives

Complete 9 credits of advisor-approved electives, which may include courses from:

- Electronics Technology (ET)
- Industrial Process Instrumentation (PETR, ET, PRT)
- Occupational Safety and Health (OSH)
- Process Technology (PRT)
- Technology Internship (TECH)

Total 48

A minimum of 60 credits is required for the degree.