

# 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 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:

| Code                 | Title  | Credits |
|----------------------|--|---------|
| <b>Core Courses</b>  |  |         |
| BADA A105            | Introduction to Personal Computers and Application Software                        | 3       |
| or BADA A110         | Computer Concepts in Business  |         |
| CHEM A103 & A103L    | Introduction to General Chemistry and Introduction to General Chemistry Laboratory | 4       |
| PHYS A115 & A115L    | Physical Science and Physical Science Lab  | 4       |
| or PHYS A123 & A123L | College Physics I and College Physics I Laboratory                                 |         |

|          |  |   |
|----------|--|---|
| 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.**