Bachelor of Science in Applied Technologies Leadership

The Bachelor of Science (BS) in Applied Technologies Leadership provides a bachelor's degree completion option for students with an Associate of Applied Science (AAS) or 45 technical credits in any field. Courses are offered via online and distance delivery to afford maximum flexibility for enrolled students.

The BS in Applied Technologies Leadership is a student-centered program that prepares students for leadership positions in technical fields. The program allows students to design a program of study that complements their technical proficiencies. Students entering the program come from many disciplines and have earned an AAS, or a minimum of 45 related technical specialty credits, from an institutionally accredited institution. This degree is appropriate for graduates of applied science and similar programs at other institutions, as well as a wide array of industrial technology professionals and military students with the required credits in their career field.

Students complete a common core of advanced professional and communication skills and work with an advisor to design a meaningful study plan with upper-division coursework appropriate to advance in their discipline. Students use this coursework to explore and prepare for their future, collect artifacts from their experience, and synthesize their learning through a capstone experience.

Admission Requirements

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

Graduation Requirements

• Complete the General University Requirements for Baccalaureate Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/).
• Complete the General Education Requirements for Baccalaureate Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/gers/).
• Complete the following major requirements with a minimum grade of C:
  • Students must work with a faculty or professional advisor to design a learning plan. These courses should focus on specialized knowledge required for advancement in a student’s field or acquiring a broader knowledge base of a particular skill.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TECH A305</td>
<td>Applied Leadership for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>TECH A433</td>
<td>Project Design, Implementation and Control</td>
<td>3</td>
</tr>
<tr>
<td>TECH A453</td>
<td>Capstone Project</td>
<td>3</td>
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<tr>
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<tbody>
<tr>
<td>OSH A305</td>
<td>Incident Investigation and Analysis</td>
</tr>
<tr>
<td>OSH A310</td>
<td>Human Factors</td>
</tr>
<tr>
<td>OSH A450</td>
<td>Risk Management for Safety and Health</td>
</tr>
<tr>
<td>ATA A331</td>
<td>Human Factors in Aviation</td>
</tr>
<tr>
<td>ATA A431</td>
<td>Aircraft Accident Investigation</td>
</tr>
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Complete two of the following: 6

• Complete 3 credits of upper-division, advisor-approved safety course:
  • OSH A305 Incident Investigation and Analysis
  • OSH A310 Human Factors
  • OSH A450 Risk Management for Safety and Health
  • ATA A331 Human Factors in Aviation
  • ATA A431 Aircraft Accident Investigation

Complete three of the following: 3

• Complete two of the following:
  • COMM A305 Intercultural Communication
  • COMM A330 Collaboration and Group Decision Making
  • COMM A350 Communication in the Workplace
  • COMM A335 Communication and Conflict
  • COMM A450 Communication and Leadership

Complete three of the following:

• Complete 3 credits of upper-division, advisor-approved ethics course:
  • BA A388 Globalization and Business Environment
  • PHIL A303 Environmental Ethics
  • PHIL A305 Professional Ethics

Total 21

A minimum of 120 credits is required for the degree, of which 42 must be upper-division.

Program Student Learning Outcomes

Upon completion of the Bachelor of Science in Applied Technologies Leadership, graduates will be able to:

• Integrate appropriate strategic communication tools and techniques in a wide variety of business contexts
• Apply appropriate management tools and techniques to manage various types of projects
• Apply accepted leadership and management practices to promote ethical behavior and sustainable quality performance in organizations
• Develop policies and procedures to ensure a safe, healthy, and environmentally sound workplace
• Develop strategies to support an organization’s vision, mission and capabilities while motivating and leading internal and external constituents.