

# 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.

Code	Title	Credits
TECH A305	Applied Leadership for Technicians	3
TECH A433	Project Design, Implementation and Control	3
TECH A453	Capstone Project	3

Complete 3 credits of upper-division, advisor-approved safety course:		3
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 two of the following:		6
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 3 credits of upper-division, advisor-approved ethics course:		3
BA A388	Globalization and Business Environment	
PHIL A303	Environmental Ethics	
PHIL A305	Professional Ethics	
<b>Total</b>		<b>21</b>

**A minimum of 120 credits is required for the degree, of which 39 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.