AAS in Fire and Emergency Services Technology

The Associate of Applied Science (AAS) in Fire and Emergency Services Technology (FEST) prepares students for employment in the fire service and other emergency services organizations.

Students will also receive preparation to continue study in the fields of paramedicine, nursing, physician assistant or other allied health professions. This program provides entry-level knowledge and skills for students planning a career in emergency services. It also can provide career advancement and professional development for those already employed in the emergency services field.

Licensure and/or Certification

- Students that complete EMT A130 and meet FEST and State of Alaska requirements are eligible to test for the State of Alaska and National certification for EMT I.
- Students that complete EMT A230 and meet FEST and State of Alaska requirements are eligible to test for the State of Alaska EMT II certification.
- Students that complete EMT A231 and meet FEST and State of Alaska requirements are eligible to test for the State of Alaska EMT III certification.
- Students that complete EMT A235 and meet FEST and State of Alaska requirements are eligible to test for National Advanced Emergency Medical Technician (AEMT) and apply for State of Alaska AEMT certification.
- Students that complete FIRE A131, FIRE A133, FIRE A135 and FIRE A137 and meet FEST and State of Alaska requirements are eligible to test for Firefighter I certification.
- Students that complete FIRE A123 and meet FEST and State of Alaska requirements are eligible to test for Fire Investigator certification.

Please go to UAA's Authorization by State (https://www.uaa.alaska.edu/academics/office-of-academic-affairs/uaa-state-authorization/authorization.cshtml/) website for information about licensure or certification in a state other than Alaska.

Admission Requirements

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

Special Considerations

Practicum placement may require background checks, proof of immunizations, liability release forms, proof of health insurance, and other requirements as dictated by individual sites.

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/).
  - For the Quantitative Skills requirement MATH A105 or higher is recommended.
- Complete the following major requirements with a minimum grade of C in all FIRE and EMT courses:

Code	Title	Credits
Core Courses		
Natural Science General Education Requirement with lab		4
Social Science General Education Requirement		3
EMT A130	Emergency Medical Technician I	8
FIRE A101	Principles of Emergency Services	3
FIRE A105	Fire Prevention	3
FIRE A121	Fire Behavior and Combustion	3
FIRE A206	Building Construction Issues Related to Fire Protection	3
FIRE A214	Fire Protection Systems	3
FIRE A221	Principles of Fire and Emergency Services Safety and Survival	3
FIRE A295	Fire and Emergency Services Practicum [1]	3
Electives		
Complete 12 credits of electives. These electives can be from the FEST program listed below (FIRE and EMT) or advisor-approved electives: [2]		12
EMT A230	Emergency Medical Technician II	
EMT A231	Emergency Medical Technician III	
FIRE A107	Strategy and Tactics of Fire Suppression	
FIRE A111	Principles of Fire and Emergency Service Administration	
FIRE A117	Rescue Practices	
FIRE A123	Fire Investigation I	
FIRE A131	Firefighter I, Series I	
FIRE A133	Firefighter I, Series II	
FIRE A135	Firefighter I, Series III	
FIRE A137	Firefighter I, Series IV	
FIRE A151	Wildland Fire Control I	
FIRE A170	Occupational Safety and Health for Emergency Services	
FIRE A190	Selected Topics in Fire and Emergency Services	
FIRE A201	Principles of Emergency Management	

FIRE A220	Legal Aspects of Emergency Services	
FIRE A230	Fire Department Organizational Theory and Behavior	
Total		**48**

[1] *Placement in FIRE A295 requires department approval and will require various forms of documentation, which may include background checks, proof of immunizations, release forms, proof of insurance and others as dictated by individual sites.*

[2] *Advisor-approved electives will have a fire/emergency services relevance or will be preparatory classes for other healthcare-related fields of study (e.g. paramedic, nursing, physician assistant, etc.).*

A minimum of 60 credits is required for the degree.