Emergency Medical Services (EMS)

Community and Technical College
EMS & Paramedicine Program (https://www.ctc.uaf.edu/programs/ems-paramedicine/)
907-455-2800

EMS F150  Wilderness Emergency Care
3 Credits
Offered Summer
Introduction to medicine in a remote setting. Assessment and management of life-threatening and non-threatening injuries, common medical emergencies and a variety of environmental injuries. Academically challenging training includes basic anatomy and physiology, appropriate short-term to multi-day patient care, the incident command system and evacuation and considerations.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

EMS F152  Emergency Trauma Training First Responder
3 Credits
Offered Summer
Basic emergency care knowledge and skills for the student who will provide the first emergency care. The objective of the first person on the emergency scene is to recognize the needs of the victim and deliver quality care to the patient, minimizing discomfort and preventing further complications.
Lecture + Lab + Other: 2 + 2 + 0
Grading System: Pass/Fail Grades

EMS F152P  Emergency Trauma Training First Responder
3 Credits
Basic emergency care knowledge and skills for the student who will provide the first emergency care. The objective of the first person on the emergency scene is to recognize the needs of the victim and deliver quality care to the patient, minimizing discomfort and preventing further complications.
Lecture + Lab + Other: 2 + 2 + 0
Grading System: Pass/Fail Grades

EMS F154  Emergency Trauma Training Refresher
1 Credit
Offered Summer
For individuals who have been previously certified in Emergency Trauma Training (40 hrs.). Certification is valid for two years.
Prerequisites: EMS F152 or ETT Certification which may not be expired more than one calendar year.
Lecture + Lab + Other: 1 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

EMS F154P  Emergency Trauma Training Refresher
1 Credit
For individuals who have been previously certified in Emergency Trauma Training (40 hrs.). Certification is valid for two years.
Prerequisites: EMS F152 or ETT Certification which may not be expired more than one calendar year.
Lecture + Lab + Other: 1 + 0 + 0
Grading System: Pass/Fail Grades

EMS F170  EMT: Emergency Medical Technician I
6 Credits
Offered As Demand Warrants
Basic life support such as splinting, hemorrhage control, oxygen therapy, suction, CPR and use of automated external defibrillators (AEDs). EMT I is the foundation of all emergency medical training. Mastering of EMT I level knowledge and techniques must occur before moving on to advanced levels.
Cross-listed with ARSK F170.
Lecture + Lab + Other: 4 + 4 + 0
Grading System: Letter Grades with option of Plus/Minus

EMS F170P  EMT: Emergency Medical Technician I
6 Credits
Offered As Demand Warrants
Basic life support such as splinting, hemorrhage control, oxygen therapy, suction, CPR and use of automated external defibrillators (AEDs). EMT I is the foundation of all emergency medical training. Mastering of EMT I level knowledge and techniques must occur before moving on to advanced levels.
Cross-listed with ARSK F170.
Lecture + Lab + Other: 4 + 4 + 0
Grading System: Pass/Fail Grades

EMS F173  EMT I Internship
6 Credits
Offered As Demand Warrants
Synthesize cognitive and psychomotor skills from the EMT I course and observe skills performed by Advanced Care Providers. Designed for individuals planning to participate in the CTC paramedic program in the fall semester. Interns will perform all aspects of emergency care for an Alaska certified EMT I under the guidance of an Advanced Care Provider.
Prerequisites: EMS F170; concurrent EMT I certification.
Lecture + Lab + Other: 0 + 16 + 0
Grading System: Pass/Fail Grades

EMS F181  Clinical Rotation I
4 Credits
Offered Fall
Perform paramedic skills in the hospital setting under the guidance of a clinical preceptor. Rotations include the emergency department, ICU, operating room, respiratory therapy, and mental health units. Provides an in-depth look at the respiratory, circulatory and nervous systems. Includes interpretation of cardiac rhythms and advanced cardiac life support.
Prerequisites: Permission of program coordinator.
Special Notes: Student must have the strength to be able to move patients, sufficient vision to assess the condition of the patient and the dexterity to perform the skills of a paramedic.
Lecture + Lab + Other: 0 + 4 + 4
Grading System: Letter Grades with option of Plus/Minus

EMS F183  Clinical Rotation II
4 Credits
Offered Spring
Perform paramedic skills in the hospital setting under the guidance of a clinical preceptor. Rotations include the emergency department, ICU, OR, labor and delivery, pediatrics and geriatrics.
Prerequisites: EMS F181.
Special Notes: Student must have the strength to be able to move patients, sufficient vision to assess the condition of the patient and the dexterity to perform the skills of a paramedic.
Lecture + Lab + Other: 0 + 4 + 4
Grading System: Letter Grades with option of Plus/Minus
EMT II certification and proof of 10 patient contacts as an EMT

Prerequisites: EMT I certification and documentation of 10 patient contacts by the first day of class as described in State EMT regulations: 7AAC26.010.

Lecture + Lab + Other: 2 + 2 + 0
Grading System: Letter Grades with option of Plus/Minus

EMS F261P EMT: Emergency Medical Technician II
3 Credits
Offered As Demand Warrants

Advancement of EMT I skills and knowledge through advanced techniques in fluid therapy and advance airway management. Includes use of specific drug therapy.

Prerequisites: EMT I certification and proof of 10 patient contacts as an EMT I.

Lecture + Lab + Other: 2 + 2 + 0
Grading System: Letter Grades with option of Plus/Minus

EMS F267 Advanced Emergency Medical Technician
10 Credits
Offered Fall and Spring

The Advanced Emergency Medical Technician (AEMT) training includes invasive procedures such as IV therapy, the use of advanced airway devices and medication administration. Individuals that complete the course are eligible to take the National Registry AEMT exam.

Prerequisites: Current state or national EMT certification; current AHA CPR certification; departmental approval.

Lecture + Lab + Other: 8 + 6 + 0
Grading System: Letter Grades with option of Plus/Minus

EMS F270 Paramedic Testing
1 Credit
Offered As Demand Warrants

This course prepares the paramedic student for the summative paramedic exam. It is a review of the cognitive/affective behaviors and psychomotor skills taught throughout the fall and spring semesters of the paramedic program.

Prerequisites: EMS F283 (may be taken concurrently).

Lecture + Lab + Other: 0.5 + 1 + 0
Grading System: Pass/Fail Grades
EMS F287  Paramedic Refresher
3 Credits
Offered As Demand Warrants
Integration of paramedicine knowledge and techniques with evaluation of applied skills.
Prerequisites: Current State of Alaska or National Registry paramedic license.
Special Notes: Student must have the strength to be able to move patients, sufficient vision to assess the condition of the patient and the dexterity to perform the skills of a paramedic.
Lecture + Lab + Other: 2 + 2 + 0
Grading System: Letter Grades with option of Plus/Minus