<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS F150</td>
<td>Wilderness Emergency Care</td>
<td>3</td>
<td>Summer</td>
<td>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.</td>
</tr>
<tr>
<td>EMS F152</td>
<td>Emergency Trauma Training First Responder</td>
<td>3</td>
<td>Summer</td>
<td>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.</td>
</tr>
<tr>
<td>EMS F152P</td>
<td>Emergency Trauma Training Refresher</td>
<td>3</td>
<td>Summer</td>
<td>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.</td>
</tr>
<tr>
<td>EMS F154</td>
<td>Emergency Trauma Training Refresher</td>
<td>1</td>
<td>Summer</td>
<td>For individuals who have been previously certified in Emergency Trauma Training (40 hrs.). Certification is valid for two years.</td>
</tr>
<tr>
<td>EMS F154P</td>
<td>Emergency Trauma Training Refresher</td>
<td>1</td>
<td>Summer</td>
<td>For individuals who have been previously certified in Emergency Trauma Training (40 hrs.). Certification is valid for two years.</td>
</tr>
<tr>
<td>EMS F170</td>
<td>EMT: Emergency Medical Technician I</td>
<td>6</td>
<td>As Demand Warrants</td>
<td>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.</td>
</tr>
<tr>
<td>EMS F170P</td>
<td>EMT: Emergency Medical Technician I</td>
<td>6</td>
<td>As Demand Warrants</td>
<td>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.</td>
</tr>
<tr>
<td>EMS F173</td>
<td>EMT Internship</td>
<td>6</td>
<td>As Demand Warrants</td>
<td>Offered As Demand Warrants</td>
</tr>
<tr>
<td>EMS F181</td>
<td>Clinical Rotation I</td>
<td>4</td>
<td>Fall</td>
<td>Offered Fall</td>
</tr>
<tr>
<td>EMS F183</td>
<td>Clinical Rotation II</td>
<td>4</td>
<td>Spring</td>
<td>Offered Spring</td>
</tr>
<tr>
<td>EMS F253</td>
<td>Alaska EMT Instructor Orientation</td>
<td>3</td>
<td>As Demand Warrants</td>
<td>Adult education and learning environment, as well as regulations governing the teaching of EMTs in the state of Alaska. This course is designed to be an intensive learning experience with extensive out-of-class preparation. Proficiency with EMT skills and knowledge prior to entering this training program is expected as there will be no review of EMT skills or knowledge during this class.</td>
</tr>
</tbody>
</table>
EMS F257  Arctic Survival
3 Credits
Offered Spring
Use of principles, procedures, techniques and equipment to survive extreme Arctic conditions and assist in safe recovery. Lab required.
Cross-listed with AVTY F231.
Lecture + Lab + Other: 3 + 0 + 0

EMS F261  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

EMS F261P  EMT: Emergency Medical Technician II
3 Credits
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 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

EMS F265P  Emergency Medical Technician III
2 Credits
Introduction to basic cardiac anatomy and physiology, cardiac electrophysiology, recognition and treatment of basic lethal arrhythmias, use of monitor, defibrillator and pharmacological management.
Prerequisites: EMT II certification and proof of 10 patient contacts and venipunctures as an EMT II.
Lecture + Lab + Other: 0.5 + 3 + 0

EMS F270  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

EMS F280  Paramedicine I
12 Credits
Offered Fall
Introduction to emergency medical services, the roles and responsibilities of a paramedic and medical/legal/ethical issues. Basic pathophysiology, pharmacology, venous access and advanced airway management techniques. Also includes an in-depth look at the circulatory, respiratory and nervous systems which includes interpretation of cardiac rhythms, pharmacology and advanced cardiac life support.
Prerequisites: EMS F170.
Recommended: HLTH F114 or equivalent.
Special Notes: Student must apply for admission into the Paramedic Academy; Applications are reviewed by the Paramedic Advisory board; 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: 8 + 8 + 0

EMS F282  Paramedicine II
12 Credits
Offered Spring
Assessment and management of medical emergencies, geriatrics, pediatrics and traumatic injuries. Includes pediatric advanced life support and basic trauma life support certifications.
Prerequisites: EMS F280.
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: 8 + 8 + 0

EMS F283  Paramedic Internship
12 Credits
Offered Summer
Prehospital field experience under the guidance of a paramedic preceptor on an advanced life support ambulance. Interns perform all aspects of paramedic care.
Prerequisites: EMS F183.
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 + 24 + 0

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