### Paramedical Technology (PMED)

#### Courses

**PMED A241 Paramedicine I 8 Credits**
Applies knowledge and skills for paramedic practice, including patient assessment, anatomy and physiology, pathophysiology, airway management, pharmacology, intravascular access, medication administration and related emergency service fundamentals while formulating impressions and implementing treatment plans.

**Special Note:** Students must have the strength to be able to move victims, sufficient vision and hearing to assess the patient's condition, and dexterity to perform the skills application procedures. There are additional applications and fees for students who wish to be certified with the State of Alaska and/or National Registry.

**Registration Restrictions:** Current Alaska Emergency Medical Technician (EMT) or National Registry Emergency Medical Technician, and acceptance into the paramedic program.

**Corequisites:** PMED A242.

**PMED A242 Clinical Rotation I 4 Credits**
Paramedic assessments and skills are performed in hospital emergency departments, operating rooms and respiratory therapy. Clinical rotations are supervised by preceptors/mentors and provide the student with experiences working with actual patients. Skills are also performed on ambulances in Anchorage, Mat-Su Valley and on the Kenai Peninsula under the supervision of licensed paramedics.

**Special Note:** Students must have the strength to be able to move victims, sufficient vision and hearing to assess the patient's condition, and dexterity to perform the skills application procedures.

**Registration Restrictions:** Current Alaska Emergency Medical Technician (EMT) or National Registry Emergency Medical Technician, and acceptance into the paramedic program.

**Corequisites:** PMED A241.

**PMED A253 Paramedicine II 8 Credits**
Applies knowledge and skills of paramedic practice, including patient assessments, anatomy and physiology, pathophysiology, and pharmacology, while integrating principles and assessment finding to formulate impressions and implement treatment plans for adult medical patients and pediatrics suffering from acute and chronic illnesses.

**Special Note:** Students must have the strength to be able to move victims, sufficient vision and hearing to assess the patient's condition, and dexterity to perform the skills application procedures. There are additional applications and fees for students who wish to be certified with the State of Alaska and/or National Registry.

**Prerequisites:** PMED A241 with a minimum grade of B.

**Corequisites:** PMED A254.

**PMED A254 Clinical Rotation II 4 Credits**
Paramedic assessment and skills are performed in emergency departments, operating rooms, adult and pediatric intensive care units, labor and delivery, and the cardiac catheterization lab. Clinical rotations are supervised by preceptors/mentors and provide the student with experiences working with actual patients. Skills are also performed on ambulances in Anchorage, Mat-Su and on the Kenai Peninsula under the supervision of licensed paramedics.

**Special Note:** Students must have the strength to be able to move victims, sufficient vision and hearing to assess the patient's condition, and dexterity to perform the skills application procedures.

**Prerequisites:** PMED A242 with a minimum grade of B.

**Corequisites:** PMED A253.

**PMED A263 Paramedicine III 8 Credits**
Applies knowledge and skills of paramedic practice, including assessments, anatomy and physiology, pathophysiology, and pharmacology, while integrating assessment findings to formulate impressions and implement treatment plans for trauma patients suffering from acute injuries. Incorporates training in incident command, mass casualty incidents, ambulance operations and hazardous materials.

**Special Note:** There are additional applications and fees for students who wish to be certified with the State of Alaska Intermediate EMS levels.

**Prerequisites:** PMED A253 with a minimum grade of B.

**Corequisites:** PMED A264.

**PMED A264 Clinical Rotation III 4 Credits**
Paramedic skills are performed in emergency departments, operating rooms, adult and pediatric intensive care units, and labor and delivery. Clinical rotations are supervised by preceptors/mentors and provide the student with experiences working with actual patients. Skills are also performed on ambulances in Anchorage, Mat-Su and on the Kenai Peninsula under the supervision of licensed paramedics.

**Special Note:** Students must have the strength to be able to move victims, sufficient vision and hearing to assess the patient's condition, and dexterity to perform the skills application procedures.

**Prerequisites:** PMED A254 with a minimum grade of B.

**Corequisites:** PMED A263.

**PMED A295 Paramedic Internship 12 Credits**
The paramedic program's field internship is a culmination of knowledge, skills, critical thinking and decision making in real-world emergencies. Demonstration of competence is required by the end of a 480-hour capstone. A course summative written and practical exam is required before taking the National Registry paramedic certification exam.

**Special Note:** Students are responsible for all expenses associated with their field internship (i.e., travel, room & board, food, etc.).

**Registration Restrictions:** Instructor approval

**Prerequisites:** PMED A263 with a minimum grade of B and PMED A264 with a minimum grade of B.