Paramedical Technology (AAS)

Opportunities Start Here

The Associate of Applied Science degree in Paramedical Technology prepares students to provide pre-hospital emergency care to acutely ill or injured patients. The program includes coursework, clinical rotations, and a field internship. Graduates meet the U.S. Department of Transportation National Standards for Paramedics and are eligible to take the National Registry examination required for licensure.

Educational Pathway Options

**Recommended Preparation & Talents**
- Good physical coordination and manual dexterity
- Sufficient strength to carry people
- Ability to work effectively under pressure
- English courses
- Communication skills
- Biology
- Anatomy & Physiology
- College Algebra
- Team player
- Leadership ability

**Associate of Applied Science (AAS)**

Paramedical Technology

**Career Opportunities**
- Paramedic
- Cath Lab Tech
- Diver/Hyperbaric Medic
- Emergency Room Tech
- Firefighter/Medic
- Flight Medicine
- Hazard Communication Instructor
- Incident Commander
- Industry First Responder (oil, natural resources, etc.)
- Medical Service Tech (military)
- Search & Rescue
- Village Public Safety Officer (with additional law enforcement training)
MATANUSKA-SUSITNA COLLEGE REQUIREMENTS

1. Apply for admission as a pre-major in Paramedical Technology at http://matsu.alaska.edu/office/student-services/admissions.
2. Review admission requirements for your student type.
3. Submit required documents to Matanuska-Susitna College Student Services, PO Box 2889, Palmer, AK 99645.
4. Take the Accuplacer test for English and math course placement. Call the Learning Center at 907.745.9713 for testing information.
5. Make an appointment for academic advising at 907.745.9762 and meet regularly with an advisor. For questions on program requirements, contact the department at 907.746.9329.
6. To stay on track, access the Student Checklist online: http://matsu.alaska.edu/office/student-services/.

PROGRAM REQUIREMENTS

1. Submit the following to the Paramedical Technology department by May 15 to be considered for Fall admission:
   - Certificate of Admission, including transcripts
   - Paramedical Program Application
   - Confidential Required Information form
   - Copy of National Registry EMT-Basic or State of Alaska EMT-1 cert
   - Copies of current healthcare provider CPR card
   - Copies of all current medical certifications and licenses
   - Military DD-214 (long form), if applicable
   - Resume with three letters of recommendation
   - Admissions essay
2. Paramedical Technology students should possess:
   - Sufficient strength to lift and carry victims
   - Good manual dexterity and physical coordination
   - Judgment and emotional stability to work confidently under pressure

Students are encouraged to consult an advisor prior to course selection. When registering for courses, be sure to select the proper campus.

COMPLETE GENERAL COURSE REQUIREMENTS

Students must earn a grade of B or higher in each PMED course.

COMPLETE MAJOR REQUIREMENTS

Students are encouraged to consult an advisor prior to course selection. When registering for courses, be sure to select the proper campus.

PROGRAM HIGHLIGHTS

- Clinical rotations provide instruction and supervised practice of emergency medical skills in units of hospitals within the Anchorage and Mat-Su areas.
- The field internship provides experience in ambulances, helicopters, and fixed wing aircraft.
- Student interns are the third member of the medical/rescue team and work under the direct supervision of a paramedic preceptor.
- Internship sites are arranged in various US locations.

STUDENT LEARNING OUTCOMES

Upon completion of this degree, students will have the ability to:

- Understand their roles and responsibilities within an EMS system.
- Apply the basic concepts of development, pathophysiology, and pharmacology to assess and manage patients with emergency medical needs.
- Oxygenate, ventilate, and maintain a patient’s airway; take a history; and perform a comprehensive physical examination.
- Communicate effectively with other healthcare providers.
- Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for trauma and medical patients of all ages.

A total of 68 credits is required for this degree.