

# Emergency Medical Services (EMS), AAS

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## Program Description

The Emergency Medical Services (EMS) program is designed to prepare students for career opportunities in pre-hospital emergency care, such as ambulance, fire department, search and rescue, law enforcement, and volunteer service. Pre-hospital emergency care involves a wide scope of activities such as recognition and management of patients with heart disease, trauma, burns, poisoning, alcohol and drug abuse, childbirth, acute psychiatric disorders, and other medical emergencies. Curricula for all EMS courses are based on the National Standard Curriculum.

Our goal is to prepare competent entry level paramedic/EMTs in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

## Accreditation

The Utah Tech University Emergency Medical Services program is accredited through the Commission on Accreditation of Allied Health Education Programs (CAAHEP). CAAHEP (<http://www.caahep.org>) may be contacted at:

Commission on Accreditation of Allied Health Education Programs  
9355 113th Street North, #7709  
Seminole, FL 33775  
Phone: 727-210-2350  
Email: [mail@caahep.org](mailto:mail@caahep.org)  
[www.caahep.org](http://www.caahep.org)

## Certification

Upon successful completion, students are eligible to apply for testing and certification as a Paramedic through the National Registry of Emergency Medical Technicians.

## Professional Licensure/Certification (PLC) Requirements

The curriculum for programs at Utah Tech University leading to professional licensure are designed to prepare students for Utah licensure and certification requirements. Admission into programs for professions requiring licensure and certification does not guarantee that students will obtain a license or certificate. Licensure and certification requirements are set by agencies that are not controlled by or affiliated with the University, and licensure and certification requirements can change at any time.

Licensure boards in each state establish requirements for licensure and certification for their respective state. States vary by which professions are required to be licensed and how licensure functions, and such requirements may change at any time. The terms related to licensure and certification, among others, also vary by state as well.

Students and prospective students are strongly encouraged to contact the state licensure entity in the state where they intend to work to review all licensure and certification requirements imposed by the student's state(s) of choice. The University cannot provide verification of a student's ability to meet licensure or certification requirements unrelated to its educational programming. Some states require individuals to complete additional requirements that are unrelated to educational prerequisites. For more information, visit the State Authorization and Professional Licensure (<https://academics.utahtech.edu/state-authorization/>) web page and select the program, or speak to the director of the program.

Utah Tech University shall not be held liable if a student is unable to qualify for licensure or certification in any jurisdiction.

This disclosure is made pursuant to 34 CFR §668.43(a)(5)(v)(C).

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## Admission requirement

For admission requirements into the EMS/Paramedic program, visit the program website (<https://health.utahtech.edu/emergency-medical-services/program-admissions/>) (following this link will take you out of the University Catalog).

## Program Curriculum

### 81 credits

#### Prerequisite

- Emergency Medical Technician (EMT) certification (<https://catalog.utahtech.edu/programs/healthcare-diagnostics-and-therapeutics/emt-certificate/>) for one (1) year prior to application deadline.
- Strongly recommend completion of AEMT certificate.

Code	Title	Hours
<b>General Education Requirements</b>		
ENGL 1010 or ENGL 1010D	Introduction to Writing (EN) Introduction to Writing (EN)	3-4
ENGL 2010	Interm Writing Selected Topics: (EN)	3
COMM 2110 or COMM 1020	Interpersonal Communication (SS, GC) (preferred) Public Speaking	3
MATH 1030 or MATH 1040 or MATH 1050	Quantitative Reasoning (MA) <sup>1</sup> Introduction to Statistics (MA) College Algebra / Pre-Calculus (MA)	3
<b>Program Prerequisites</b>		
BIOL 2320 & BIOL 2325	Human Anatomy and Human Anatomy Lab <sup>1</sup>	5
BIOL 2420 & BIOL 2425	Human Physiology and Human Physiology Lab <sup>1</sup>	4
<b>Discipline Core Requirements</b>		
EMS 2310	Paramedic I: Pharmacology; Cardiovascular, Respiratory, and Pediatric Emergencies	3
EMS 2325	Paramedic I Lab: Pharmacology; Cardiovascular, Respiratory, and Pediatric Emerg.	3
EMS 2410	Paramedic II: Trauma Assessment and Management; ACLS/PEPP Certification Courses	3
EMS 2420	Paramedic Clinical I	1
EMS 2425	Paramedic II Lab: Trauma Assessment and Management Lab; ACLS/PEPP Certification Skills	3
EMS 2450	Paramedic Field I	3
EMS 2610	Paramedic III: Medical Emergencies; Special Populations in Paramedicine	3
EMS 2625	Paramedic III: Medical Emergencies; Special Populations in Paramedicine Lab	3
EMS 2710	Paramedic IV: EMS Research and Professional Development; AMLS and PHTLS Certification Courses	3
EMS 2720	Paramedic Clinical II	2
EMS 2725	Paramedic IV Lab: EMS Research and Professional Development; AMLS and PHTLS Certification Courses	3
EMS 2750	Paramedic Field II	3
EMS 2820	Paramedic Clinical III	4
EMS 2825	Capstone and NRP Exam Prep	3
EMS 2850	Paramedic Field III	3
EMS 2950	Paramedic Capstone	3

1. Course Fee Required. See Course Fee Tab for details.

## Graduation Requirements

1. Complete a minimum of 81 college-level credits (1000 and above).
2. Grade C or higher in each General Education, Program Requirement and Discipline Core Requirement course.
3. Cumulative GPA 2.0 or higher.
4. Complete at least 20 semester hours of credits at Utah Tech for institutional residency.

Graduation Plan

**1st Year****Fall Semester**Completion of EMT  
Certificate**Hours Spring Semester**14 General Education  
(Mathematics) ([https://  
catalog.utahtech.edu/  
programs/  
generaleducation/  
#gerequirementstext](https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext))**Hours**

3

ENGL 1010

3 BIOL 2420  
& BIOL 2425

4

BIOL 2320  
& BIOL 2325

5 ENGL 2010

3

COMM 2110

3

**22****13****2nd Year****Fall Semester**

EMS 2310

3 EMS 2610

3 EMS 2801

3

EMS 2325

3 EMS 2625

3 EMS 2820

4

EMS 2410

3 EMS 2710

3 EMS 2850

3

EMS 2420

1 EMS 2720

2 EMS 2950

3

EMS 2425

3 EMS 2725

3

EMS 2450

3 EMS 2750

3

**16****17****13****Total Hours 81****AAS Emergency Medical Services Paramedic Program Learning Outcomes**

At the successful conclusion of this program, students will be able to:

1. Formulate a treatment plan for all patient populations using knowledge of pathophysiology and assessment-based management.
2. Facilitate effective oral and written communication and documentation in various situations with patients, colleagues, and other healthcare professionals.
3. Integrate evidence-based practices and critical decision making to safely perform psychomotor skills for patients across the life span.
4. Administer appropriate pharmacological interventions based on principles of pharmacology to formulate a treatment plan intended to mitigate medical emergencies.
5. Illustrate professional paramedic roles and responsibilities through demonstration of ethical principles and moral responsibilities.