

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2026-2027



**TECHNICAL CERTIFICATE PLAN  
PARAMEDIC TECHNOLOGY**

**Degree Code: 4520; CIP Code: 51.0904**

All technical certificate-seeking students must meet the freshman assessment and placement requirements. If deficiencies exist, the student must complete the required CPT courses.

**A 2.0 GPA is required for graduation from the  
Technical Certificate in Paramedic Technology.**

**ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR  
ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.**

Graduates of this program are eligible to apply to the National Registry of EMTs for the Paramedic certificate examination and the Arkansas Department of Health, EMS Division for State licensure. Upon successfully passing the examination and obtaining State licensure the graduate will be eligible to function as a team member within the pre-hospital environment. Visit [asumh.edu/ge\\_par](http://asumh.edu/ge_par) for gainful employment information.

**NOTE: Arkansas State Law requires Emergency Medical Technician (EMT) licensure prior to entry into the Paramedic program.**

**Program Learning Outcomes for Paramedic Technology Program**

1. Demonstrate an advanced understanding of integrated pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma, medical, neonatal, pediatric, geriatric, diverse, and chronically ill patients and patients with common complaints.
2. Demonstrate personal behaviors consistent with the professionalism and moral standards associated with a pre-hospital provider.
3. Demonstrate understanding of the anatomy and physiology of body systems.

Name: \_\_\_\_\_  
Advisor: \_\_\_\_\_

Date: \_\_\_\_\_  
Student ID# \_\_\_\_\_

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>Prerequisites (7 credit hours)</b>			
<b>Biology (4 credit hours)</b> (All body systems must be covered.)			
BIOL 10074	Human Anatomy and Physiology for Healthcare Professions & Lab <small>This course also fulfilled by successfully completing the combination of the two courses below: BIOL 24004 Human Anatomy and Physiology I &amp; Lab <u>and</u> BIOL 24104 Human Anatomy and Physiology II &amp; Lab.</small>	4	_____
ALHE 10503	Medical Terminology	3	_____
<b>Paramedic Technology Core (40 credit hours)</b>			
<b>Spring Semester (17 credit hours)</b>			
EMSC 10033	Patient Assessment with Lab	3	_____
EMSC 10203	Introduction to EMS and Ambulance Operations	3	_____
EMSC 11132	Clinical Practicum I	2	_____
EMSC 11134	Pharmacology and Medication Administration with Lab	4	_____
EMSC 11235	Electrocardiogram Interpretation with Lab	5	_____
<b>Summer Semester (6 credit hours)</b>			
EMSC 22054	Paramedic Field Internship Capstone	4	_____
EMSC 22432	Review of Clinical and Capstone	2	_____
<b>Fall Semester (15 credit hours)</b>			
EMSC 20004	Cardiovascular Emergency Care with Lab	4	_____
EMSC 20005	Medical Emergencies with Lab	5	_____
EMSC 20104	Trauma Emergencies with Lab	4	_____
EMSC 21004	Clinical Practicum II	2	_____

**Program Total 45 Hours**