

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.

2022-2023



**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.**

**Student Learning Outcomes for Paramedic Technology Program**

1. Explain their roles and responsibilities within the Emergency Medical Services System and the overall Community Health.
2. Discuss with understanding the integrate 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.
3. Proficiently assess and manage patients in the clinical area and in the field environment based on age, complaint, and pathophysiology.
4. Integrate the complete specified set of skills while in the lab, clinical, and capstone field internship proficiently into the pre-hospital setting.
5. Display the personal behaviors consistent with the professionalism and moral standards associated with a pre-hospital provider.
6. Exhibit the traits of a pre-hospital provider that values and understands the diversity and cultures within their community.

In addition to these program-specific outcomes, the following general outcomes should apply:

7. Applies the principles of math and sciences appropriate to the degree or field of study.
8. Demonstrate, display, and proficiently utilizes both oral and written communication.
9. Utilize technology appropriate to pre-hospital medicine.

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

Date: \_\_\_\_\_

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

Student ID# \_\_\_\_\_

| <u>COURSE CODE</u> | <u>COURSE NAME</u> | <u>CREDIT HOURS</u> | <u>HOURS COMPLETED</u> |
|--------------------|--------------------|---------------------|------------------------|
|--------------------|--------------------|---------------------|------------------------|

**Prerequisites (7 – 11 credit hours)**

**Biology Choice 1:**

|   |      |   |   |       |
|---|------|---|---|-------|
| BIOL  | 1024 | Human Anatomy and Physiology for Healthcare Professions & Lab | 4 | _____ |
| This course also fulfilled by successfully completing these two course numbers: BIOL 1023 <u>and</u> BIOL 1021. |      |   |   |       |

**Biology Choice 2:**

|   |      |  |   |       |
|---|------|--|---|-------|
| BIOL  | 2004 | Human Anatomy and Physiology & Lab I, <b>AND</b> | 4 | _____ |
| This course also fulfilled by successfully completing these two course numbers: BIOL 2203 <u>and</u> BIOL 2201. |      |  |   |       |

|   |      |                                       |   |       |
|---|------|---------------------------------------|---|-------|
| BIOL  | 2014 | Human Anatomy and Physiology II & Lab | 4 | _____ |
| This course also fulfilled by successfully completing these two course numbers: BIOL 2223 <u>and</u> BIOL 2221. |      |                                       |   |       |

|     |      |                     |   |       |
|-----|------|---------------------|---|-------|
| HSA | 2013 | Medical Terminology | 3 | _____ |
|-----|------|---------------------|---|-------|

**Paramedic Technology Core (40 credit hours)**

**Fall Semester (16.5 credit hours)**

|     |      |   |     |       |
|-----|------|---|-----|-------|
| PAR | 1023 | Introduction to EMS and Ambulance Operations        | 3   | _____ |
| PAR | 1033 | Patient Assessment with Lab                         | 3   | _____ |
| PAR | 1124 | Pharmacology and Medication Administration with Lab | 4   | _____ |
| PAR | 1214 | Electrocardiogram Interpretation with Lab           | 4.5 | _____ |
| PAR | 1122 | Clinical Practicum I                                | 2   | _____ |

| <u>COURSE CODE</u>                         | <u>COURSE NAME</u>                     | <u>CREDIT HOURS</u> | <u>HOURS COMPLETED</u> |
|--|--|---------------------|------------------------|
| <b>Spring Semester</b> (17.5 credit hours) |  |                     |                        |
| PAR 2004                                   | Cardiovascular Emergency Care with Lab | 4                   | _____                  |
| PAR 2005                                   | Medical Emergencies with Lab           | 5.5                 | _____                  |
| PAR 2014                                   | Trauma Emergencies with Lab            | 4                   | _____                  |
| PAR 2104                                   | Clinical Practicum II                  | 4                   | _____                  |
| <b>Summer Semester</b> (6 credit hours)    |  |                     |                        |
| PAR 2204                                   | Paramedic Field Internship Capstone    | 4                   | _____                  |
| PAR 2412                                   | Review of Clinical and Capstone        | 2                   | _____                  |
| <b>Program Total 47 – 51 Hours</b>         |  |                     |                        |