



THE ASSOCIATE OF APPLIED SCIENCE (A.A.S.)

The Associate of Applied Science Degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While a few institutions have recently begun to accept some courses in A.A.S. programs, the general rule is that courses in the A.A.S. degree are not accepted in transfer toward bachelor's degrees. Students to whom transfer is important should get assurance in writing in advance from the institution to which they wish to transfer.

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

DEGREE PLAN ASSOCIATE OF APPLIED SCIENCE IN PARAMEDIC TECHNOLOGY

Degree Code: 0470 CIP Code: 51.0904

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.

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: _____
Advisor: _____

Date: _____
Student ID# _____

| <u>COURSE CODE</u> | <u>COURSE NAME</u> | <u>CREDIT HOURS</u> | <u>HOURS COMPLETED</u> |
|---|--|---------------------|------------------------|
| Prerequisite (7 – 11 credit hours) | | | |
| <u>Biology Choice 1:</u> | | | |
| BIOL 1024 | Human Anatomy and Physiology for Healthcare Professions & Lab <small>This course also fulfilled by successfully completing these two course numbers: BIOL 1023 and BIOL 1021.</small> | 4 | _____ |
| <u>Biology Choice 2:</u> | | | |
| BIOL 2004 | Human Anatomy and Physiology & Lab I, AND <small>This course also fulfilled by successfully completing these two course numbers: BIOL 2203 and BIOL 2201.</small> | 4 | _____ |
| BIOL 2014 | Human Anatomy and Physiology II & Lab <small>This course also fulfilled by successfully completing these two course numbers: BIOL 2223 and BIOL 2221.</small> | 4 | _____ |
| HSA 2013 | Medical Terminology | 3 | _____ |

| <u>COURSE CODE</u> | <u>COURSE NAME</u> | <u>CREDIT HOURS</u> | <u>HOURS COMPLETED</u> |
|--|---|---------------------|------------------------|
| General Education Requirements (15 credit hours) | | | |
| CIS | 1053 Computer Essentials (CIS 1203 Introduction to Computers may be substituted for CIS 1053 Computer Essentials). | 3 | _____ |
| ENG | 1003 Composition I (must earn a "C" or better) | 3 | _____ |
| ENG | 1013 Composition II (must earn a "C" or better) | 3 | _____ |
| MATH | 1113 Applied Math or higher-level mathematics course | 3 | _____ |
| PSY | 2513 Introduction to Psychology, OR | | |
| SOC | 2213 Principles of Sociology, OR | | |
| HIST | 2763 The United States to 1876, OR | | |
| HIST | 2773 The United States since 1876, OR | | |
| POSC | 2103 United States Government | 3 | _____ |
| Paramedic Technology Requirements (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 | _____ |
| Spring Semester (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 | _____ |
| Summer Semester (6 credit hours) | | | |
| PAR | 2204 Paramedic Field Internship Capstone | 4 | _____ |
| PAR | 2412 Review of Clinical and Capstone | 2 | _____ |
| Program Total 62 – 66 Hours | | | |