



## 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 Arkansas Department of Health, EMS Division, and the National Registry of EMTs for the Paramedic Certificate Examination. Upon successfully passing the examination, the graduate will possess a paramedic certificate and can function as a team member on an ALS ambulance and within the pre-hospital environment. Interested applicants should see instructor for cost estimates.

**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. The paramedic student will understand his/her roles and responsibilities within the Emergency Medical Services System.
2. The paramedic student will be able to establish and/or maintain a patient airway, oxygenate, and ventilate a patient.
3. The paramedic student will be able to take a proper history and perform a comprehensive physical exam on any patient, and communicate the findings to other healthcare professionals.
4. The paramedic student will be able to 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.
5. The paramedic student will be able to manage safely the scene of an emergency.
6. The paramedic student will assess and manage patients in the clinical area and in the field environment based on age, complaint, and pathophysiology.
7. The paramedic student will complete a specified set of skills while in the clinical area and in the field environment.

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

8. Applications of Math and the Natural Sciences appropriate to degree or field of study.
9. Composition and Oral Communication.
10. Evaluation of diverse perspectives and cultures through Arts, Humanities, and Social Sciences.
11. Utilization of technology appropriate to degree or field of study.

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Advisor: \_\_\_\_\_ Student ID# \_\_\_\_\_

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

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>General Education Requirements (15 credit hours)</b>			
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, <b>OR</b>		
SOC	2213 Principles of Sociology, <b>OR</b>		
HIST	2763 The United States to 1876, <b>OR</b>		
HIST	2773 The United States since 1876, <b>OR</b>		
POSC	2103 United States Government	3	_____
<b>Paramedic Technology Core (38 credit hours)</b>			
<b>Fall Semester (15 credit hours)</b>			
PAR	1013 Foundations of the Paramedic with Lab	3	_____
PAR	1103 Paramedic Pharmacology with Lab	3	_____
PAR	1104 Clinical Preparatory for Paramedics with Lab	4	_____
PAR	1105 Medical Emergencies for Paramedics I with Lab	5	_____
<b>Spring Semester (17 credit hours)</b>			
PAR	1212 Cardiovascular Care with Lab	2	_____
PAR	1223 Medical Emergencies for Paramedics II with Lab	3	_____
PAR	1303 Trauma for Paramedics with Lab	3	_____
PAR	2003 Assessment Based Management	3	_____
PAR	2126 Clinical Practicum I	6	_____
<b>Summer Semester (6 credit hours)</b>			
PAR	2212 Clinical Practicum II	2	_____
PAR	2312 Paramedic Field Internship	2	_____
PAR	2392 Paramedic Operations Management with Lab	2	_____

**Program Total 60 – 64 Hours**