

# PARAMEDIC/EMERGENCY MEDICAL SERVICES, ASSOCIATE OF APPLIED SCIENCE

## Curriculum

(60 Semester Credit Hours)

The matrix below is a sample plan for all coursework required for this program.

Course	Title	Hours	Completed
<b>First Year</b>			
<b>Spring</b>			
EMTP 1233	Medical Emergencies I with Laboratory (Must pass with a "C" or better)	3	_____
EMTP 1234	Clinical Practicum I (Must pass with a "C" or better)	4	_____
EMTP 1243	Pharmacology (Must pass with a "C" or better)	3	_____
EMTP 2101	Cardiology I (Must pass with a "C" or better)	1	_____
HSCI 1243	Human Anatomical Structure II (Must pass with a "C" or better)	3	_____
ENGL 1013	Composition I	3	_____
	<b>Hours</b>	<b>17</b>	
<b>Summer</b>			
<b>Summer (ten week courses)</b>			
EMTP 2202	Cardiology Laboratory II (Must pass with a "C" or better) <sup>1</sup>	2	_____
EMTP 2203	Cardiology II (Must pass with a "C" or better) <sup>2</sup>	3	_____
EMTP 2313	Medical Emergencies II with Laboratory (Must pass with a "C" or better) <sup>3</sup>	3	_____
<b>First Summer Session (five week courses)</b>			
EMTP 2111	Clinical Practicum II (Must pass with a "C" or better) <sup>4</sup>	1	_____
<b>Second Summer Session (five week courses)</b>			
EMTP 2211	Clinical Practicum III (Must pass with a "C" or better) <sup>5</sup>	1	_____
EMTP 2212	Emergency Medical Services Operations (Must pass with a "C" or better)	2	_____
	<b>Hours</b>	<b>12</b>	
<b>Fall</b>			
BST 1303 or CIS 1113	Introduction to Computers or Fundamental Computer Operation	3	_____
HSCI 1113	Medical Terminology (Must pass with a "C" or better)	3	_____
ENGL 1023	Composition II	3	_____
HSCI 1123	Human Anatomical Structure I (Must pass with a "C" or better)	3	_____
TMAT 1203	Technical Mathematics (Must pass with a "C" or better)	3	_____

Students must apply to and be admitted into the technical phase of the Paramedic program before taking any of the EMTP courses below. Students must be currently licensed with the Arkansas Department of Health Division of EMS as an EMT or have taken, and passed with a grade of "C" or better, an Emergency Medical Technician course within the last one year and be eligible to take the state exam, pass the exam and be licensed prior to being admitted into the program.

After being admitted into the program, all EMTP coursework must be passed with a grade of "C" or better to earn the degree.

	Hours	15	
<b>Second Year</b>			
<b>Fall</b>			
EMTP 2311	Assessment Based Management (Must pass with a "C" or better)	1	_____
EMTP 2316	Paramedic Internship (Must pass with a "C" or better) <sup>6</sup>	6	_____
EMTP 2323	Trauma Management (Must pass with a "C" or better)	3	_____
EMTP 2413	Medical Emergencies III with Laboratory (Must pass with a "C" or better) <sup>7</sup>	3	_____
SS 1XXX	Social Science Courses	3	_____
	<b>Hours</b>	<b>16</b>	
	<b>Total Hours</b>	<b>60</b>	

<sup>1</sup> Co-requisite: EMTP 2203 Cardiology II

<sup>2</sup> Co-requisite: EMTP 2202 Cardiology Laboratory II

<sup>3</sup> Prerequisite: EMTP 1233 Medical Emergencies I with Laboratory

<sup>4</sup> Prerequisite: EMTP 1234 Clinical Practicum I

<sup>5</sup> Prerequisite: EMTP 2111 Clinical Practicum II

<sup>6</sup> Prerequisite: EMTP 2211 Clinical Practicum III

<sup>7</sup> Prerequisite: EMTP 2313 Medical Emergencies II with Laboratory

## Associate of Applied Science Degree

### Paramedic/Emergency Medical Services to Bachelor of Science in Emergency Management

(60 Semester Credit Hours)

Course	Title	Hours	Completed
<b>First Year</b>			
<b>Fall</b>			
BST 1303 or CIS 1113	Introduction to Computers or Fundamental Computer Operation	3	_____
ENGL 1013	Composition I (Must pass with a "C" or better)	3	_____
HSCI 1113	Medical Terminology (Must pass with a "C" or better)	3	_____
BIOL 2404	Human Anatomy and Physiology I (Must pass with a "C" or better)	3	_____
MATH 1003	College Mathematics (or higher math, Must pass with a "C" or better)	3	_____
	<b>Hours</b>	<b>15</b>	
<b>Spring</b>			
BIOL 2414	Human Anatomy and Physiology II	4	_____

EMTP 1233	Medical Emergencies I with Laboratory (Must pass with a "C" or better )	3	_____
EMTP 1234	Clinical Practicum I (Must pass with a "C" or better )	4	_____
EMTP 1243	Pharmacology (Must pass with a "C" or better )	3	_____
EMTP 2101	Cardiology I (Must pass with a "C" or better )	1	_____
ENGL 1023	Composition II (Must pass with a "C" or better )	3	_____
	<b>Hours</b>	<b>18</b>	
<b>Summer</b>			
EMTP 2202	Cardiology Laboratory II (Must pass with a "C" or better ) <sup>1</sup>	2	_____
EMTP 2203	Cardiology II (Must pass with a "C" or better ) <sup>2</sup>	3	_____
EMTP 2313	Medical Emergencies II with Laboratory (Must pass with a "C" or better )	3	_____
First Summer Session (five week courses)			
EMTP 2111	Clinical Practicum II (Must pass with a "C" or better ) <sup>3</sup>	1	_____
Second Summer Session (five week courses)			
EMTP 2211	Clinical Practicum III (Must pass with a "C" or better ) <sup>4</sup>	1	_____
EMTP 2212	Emergency Medical Services Operations (Must pass with a "C" or better )	2	_____
	<b>Hours</b>	<b>12</b>	
<b>Second Year</b>			
<b>Fall</b>			
EMTP 2311	Assessment Based Management (Must pass with a "C" or better )	1	_____
EMTP 2316	Paramedic Internship (Must pass with a "C" or better ) <sup>5</sup>	6	_____
EMTP 2323	Trauma Management (Must pass with a "C" or better )	3	_____
EMTP 2413	Medical Emergencies III with Laboratory (Must pass with a "C" or better ) <sup>6</sup>	3	_____
Any Approved Social Science		3	
	<b>Hours</b>	<b>16</b>	
	<b>Total Hours</b>	<b>61</b>	

<sup>1</sup> Co-requisite: EMTP 2203 Cardiology II<sup>2</sup> Co-requisite: EMTP 2203 Cardiology II<sup>3</sup> Prerequisite: EMTP 1234 Clinical Practicum I<sup>4</sup> Prerequisite: EMTP 2111 Clinical Practicum II<sup>5</sup> Prerequisite: EMTP 2211 Clinical Practicum III<sup>6</sup> Prerequisite: EMTP 2313 Medical Emergencies II with Laboratory

To earn the Bachelor of Science degree in Emergency Management, students will need to declare a major of Emergency Management, see an academic advisor on the Arkansas Tech-Russellville Campus, and take the additional coursework listed below (which must include 40 hours of 3000-4000 level courses).

## Remaining General Education Courses

(15 hours)

- Communication (3 hours)
- Social Science (3 hours)
- Fine Arts & Humanities (6 hours)
- U.S. History/Government (3 hours)

## EAM Core

(36 hours)

Students must make a "C" or better in all required courses and practical applications.

## Required EAM Courses

Code	Title	Hours
EAM 1013	Aim and Scope of Emergency Management	3
EAM 3003	Developing Emergency Management Skills	3
EAM 3013	Public Policy and Politics in Emergency Management	3
EAM 3023	Principles of Preparedness and Response	3
EAM 3053	Introduction to Ethical and Legal Issues in Emergency Management	3
EAM 3063	Emergency Management Doctrine	3
EAM 4003	Principles of Mitigation and Recovery	3
EAM 4013	Resilience and Continuity	3
EAM 4023	Technology for Comprehensive Emergency Management	3
EAM 4033	Emergency Management Research and Grants	3
EAM 4606	Capstone	6

## EAM Electives

(9 hours)

Code	Title	Hours
EAM 3033	The Social Dimension of Disaster	3
EAM 3123	Public Information Skills for Emergency Managers	3
EAM 3143	The Economics of Disaster	3
EAM 3243	Terrorism and Counterterrorism	3
EAM 4043	Disaster and Emergency Management Ethics	3
EAM 4053	Community Management of Hazardous Materials	3
EAM 4063	Leadership	3
EAM 4083	Legal Issues in Emergency Management	3

Select one of the following:

EAM 4991	Special Problems
EAM 4992	Special Problems
EAM 4993	Special Problems