

# PARAMEDIC / EMERGENCY MEDICAL SERVICES PROGRAM

## ASSOCIATE OF APPLIED SCIENCE IN PARAMEDIC/EMERGENCY MEDICAL SERVICES

(60 Semester Credit Hours)

### Curriculum

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

#### Fall

Course Number and Name	Credits
BST 1303 Introduction to Computers or CIS 1113 Fundamental Computer Operation	3
ENGL 1013 <i>Must pass with a "C" or better</i>	3
HSCI 1113 Medical Terminology <i>Must pass with a "C" or better</i>	3
HSCI 1123 Human Anatomical Structure I <i>Must pass with a "C" or better</i>	3
TMAT 1203 Technical Mathematics <i>Must pass with a "C" or better</i>	3
<b>Total Hours</b>	<b>15</b>

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.

#### Spring

Course Number and Name	Credits
EMTP 1233 Medical Emergencies I with Laboratory <i>Must pass with a "C" or better</i>	3
EMTP 1234 Clinical Practicum I <i>Must pass with a "C" or better</i>	4
EMTP 1243 Pharmacology <i>Must pass with a "C" or better</i>	3
EMTP 2101 Cardiology I <i>Must pass with a "C" or better</i>	1
ENGL 1023 <i>Must pass with a "C" or better</i>	3
HSCI 1243 Human Anatomical Structure II <i>Must pass with a "C" or better</i>	3
<b>Total Hours</b>	<b>17</b>

**Summer (ten week courses)**

Course Number and Name	Credits
EMTP 2202 Cardiology Laboratory II <i>(co-requisite: EMTP 2203 Cardiology II)</i> <i>Must pass with a "C" or better</i>	2
EMTP 2203 Cardiology II <i>(co-requisite: EMTP 2202 Cardiology Laboratory II)</i> <i>Must pass with a "C" or better</i>	3
EMTP 2313 Medical Emergencies II with Laboratory <i>(prerequisite: EMTP 1233 Medical Emergencies I with Laboratory)</i> <i>Must pass with a "C" or better</i>	3
<b>Total Hours</b>	<b>8</b>

**First Summer Session (five week courses)**

Course Number and Name	Credits
EMTP 2111 Clinical Practicum II <i>(prerequisite: EMTP 1234 Clinical Practicum I)</i> <i>Must pass with a "C" or better</i>	1
<b>Total Hours</b>	<b>1</b>

**Second Summer Session (five week courses)**

Course Number and Name	Credits
EMTP 2211 Clinical Practicum III <i>(prerequisite: EMTP 2111 Clinical Practicum II)</i> <i>Must pass with a "C" or better</i>	1
EMTP 2212 Emergency Medical Services Operations <i>Must pass with a "C" or better</i>	2
<b>Total Hours</b>	<b>3</b>

**Fall**

Course Number and Name	Credits
EMTP 2311 Assessment Based Management <i>Must pass with a "C" or better</i>	1
EMTP 2316 Paramedic Internship <i>(prerequisite: EMTP 2211 Clinical Practicum III)</i> <i>Must pass with a "C" or better</i>	6
EMTP 2323 Trauma Management <i>Must pass with a "C" or better</i>	3
EMTP 2413 Medical Emergencies III with Laboratory <i>(prerequisite: EMTP 2313 Medical Emergencies II with Laboratory)</i> <i>Must pass with a "C" or better</i>	3
Any Approved Social Science	3

Course Number and Name	Credits
<b>Total Hours</b>	<b>16</b>

## Associate of Applied Science Degree

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

(60 Semester Credit Hours)

#### Fall

Course Number and Name	Credits
BST 1303 Introduction to Computers or CIS 1113 Fundamental Computer Operation	3
ENGL 1013 <i>Must pass with a "C" or better</i>	3
HSCI 1113 Medical Terminology <i>Must pass with a "C" or better</i>	3
BIOL 2404 <i>Must pass with a "C" or better</i>	3
MATH 1003 <i>(or higher math)</i> <i>Must pass with a "C" or better</i>	3
<b>Total Hours</b>	<b>15</b>

#### Spring

Course Number and Name	Credits
BIOL 2414	4
EMTP 1233 Medical Emergencies I with Laboratory <i>Must pass with a "C" or better</i>	3
EMTP 1234 Clinical Practicum I <i>Must pass with a "C" or better</i>	4
EMTP 1243 Pharmacology <i>Must pass with a "C" or better</i>	3
EMTP 2101 Cardiology I <i>Must pass with a "C" or better</i>	1
ENGL 1023 <i>Must pass with a "C" or better</i>	3
<b>Total Hours</b>	<b>18</b>

#### Summer (ten week courses)

Course Number and Name	Credits
EMTP 2202 Cardiology Laboratory II <i>(co-requisite: EMTP 2203 Cardiology II)</i>	2

Course Number and Name	Credits
<i>Must pass with a "C" or better</i>	
EMTP 2203 Cardiology II (co-requisite: EMTP 2202 Cardiology Laboratory II) <i>Must pass with a "C" or better</i>	3
EMTP 2313 Medical Emergencies II with Laboratory <i>Must pass with a "C" or better</i>	3
<b>Total Hours</b>	<b>8</b>

**First Summer Sesion (five week courses)**

Course Number and Name	Credits
EMTP 2111 Clinical Practicum II (prerequisite: EMTP 1234 Clinical Practicum I) <i>Must pass with a "C" or better</i>	1
<b>Total Hours</b>	<b>1</b>

**Second Summer Session (five week courses)**

Course Number and Name	Credits
EMTP 2211 Clinical Practicum III (prerequisite: EMTP 2111 Clinical Practicum II) <i>Must pass with a "C" or better</i>	1
EMTP 2212 Emergency Medical Services Operations <i>Must pass with a "C" or better</i>	2
<b>Total Hours</b>	<b>3</b>

**Fall**

Course Number and Name	Credits
EMTP 2311 Assessment Based Management <i>Must pass with a "C" or better</i>	1
EMTP 2316 Paramedic Internship (prerequisite: EMTP 2211 Clinical Practicum III) <i>Must pass with a "C" or better</i>	6
EMTP 2323 Trauma Management <i>Must pass with a "C" or better</i>	3
EMTP 2413 Medical Emergencies III with Laboratory (prerequisite: EMTP 2313 Medical Emergencies II with Laboratory) <i>Must pass with a "C" or better</i>	3
Any Approved Social Science	3
<b>Total Hours</b>	<b>16</b>

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 include:**

- EAM 1013
- EAM 3003
- EAM 3013
- EAM 3023
- EAM 3053
- EAM 3063
- EAM 4003
- EAM 4013
- EAM 4023
- EAM 4033
- EAM 4606

**EAM Electives (9 hours):**

- EAM 3033
- EAM 3123
- EAM 3143
- EAM 3243
- EAM 4043
- EAM 4053
- EAM 4063
- EAM 4083
- EAM 4991, EAM 4992, or EAM 4993