

# ASSOCIATE IN APPLIED SCIENCE

## EMERGENCY MEDICAL SERVICES (AEMS)

### Mission Statement:

The EMS Education Program faculty at Rogers State University is committed to delivering the highest quality of current medical education in order to graduate EMS professionals who meet or exceed the level of an entry-level practicing paramedic in the cognitive, affective, and psychomotor domains. The faculty believes that providing innovative, lifelong learning opportunities to our students in the pre-hospital and other medical environments are the best way to ensure high-level pre-hospital emergency care to the public. The EMS Education Program faculty is dedicated to preparing EMS leaders of the future by ensuring our students obtain a well-rounded educational experience in areas relevant to a professional Paramedic.

The Rogers State University Emergency Medical Services Program began in 1991 and is approved by the Oklahoma State Department of Health-Emergency Medical Services Division. The Emergency Medical Services Program is also nationally accredited by the Commission on Accreditation of Allied Health Education Program. This program exists to provide students with educational opportunities in the classroom and in clinical settings, and to prepare them to enter the profession of Emergency Medical Services. Upon successful program completion, graduates in the curriculum are eligible to take the National Registry Examination to become licensed as a Paramedic. PHTLS, ACLS, and PALS are included. The curriculum provides a collegiate-level educational experience well beyond the minimum requirements of licensure agencies. Admission is competitive.

### Program Prerequisites

1. Basic Emergency Medical Technician (EMS 1108 or licensure)
2. Students must clear all academic deficiencies before admission to the program.
3. Computer Proficiency: Successful completion of institutional computer science proficiency exam or CS 1113 Microcomputer Applications.
4. All prerequisite courses must be completed prior to Fall admittance.

**REQUIRED HOURS .....76**

**Communications..... 6**

- ENGL 1113 Composition I
- ENGL 1213 Composition II

**Social and Behavioral Sciences ..... 9**

History ..... 3

*Select from the following:*

- HIST 2483 American History to 1877
- HIST 2493 American History since 1877
- POLS 1113 American Federal Government .....3
- Social Science ..... 3
- PSY 1113 Introduction to Psychology

**Science and Mathematics ..... 9**

Biological Science

- BIOL 1144 General Cellular Biology\*
- BIOL 2215 Anatomy and Physiology\*

**Orientation ..... 1**

- ORIE 1151 The College Experience\*\*

**Program Requirements ..... 47**

- EMS 1103 Introduction to EMS and Patient Assessment
- EMS 1113 Pharmacology for Pre-Hospital Providers
- EMS 1124 Advanced Skills in Emergency Medical Services
- EMS 1203 Field Operations
- EMS 1213 EGG Interpretation
- EMS 1225 Trauma Assessment and Management
- EMS 2104 Medical Emergencies
- EMS 2115 Special Patient Populations
- EMS 2125 Cardiac/Respiratory Emergencies
- EMS 2202 OB/GYN Emergencies
- EMS 2221 Public Health Principles
- EMS 2213 Physician Internship
- EMS 2241 EMS Leadership
- EMS 2245 EMS Internship

**Support and Related ..... 4**

- HLSC 1233 Medical Terminology
- HLSC 1051 Blood Borne Pathogens and Hazard Communication

**Total Credit Hours..... 76**

### \*Pre-requisite Course

**\*\*ORIE 1151 will be waived for students transferring at least 24 collegiate semester hours. Credit hours transferred from a technology center will not count toward the total.**