

# HEALTH SCIENCES

## Emergency Medical Science

The Emergency Medical Science curriculum is designed to prepare graduates to enter the workforce as paramedics. Additionally, the program can provide an Associate Degree for individuals desiring an opportunity for career enhancement.

The course of study provides the student an opportunity to acquire basic and advanced life support knowledge and skills by utilizing classroom instruction, practical laboratory sessions, hospital clinical experience, and field internships with emergency medical service agencies.

Students progressing through the program may be eligible to apply for both state and national certification exams. Employment opportunities include emergency medical service, fire and rescue agencies, air medical services, specialty areas of hospitals, industry, educational institutions, and government agencies.

### EMERGENCY MEDICAL SCIENCE - A45340

-Day

#### General Education Courses

BIO 163	Anatomy and Physiology .....	5
COM 120	Interpersonal Communication .....	3
ENG 111	Expository Writing .....	3
MAT 110	Mathematical Measurement.....	3
PSY 150	General Psychology.....	3
	Humanities/Fine Arts Elective .....	3

#### Major Courses

EMS 110	EMT-Basic.....	7
EMS 120	Intermediate Interventions.....	3
EMS 121	EMS Clinical Practicum I.....	2
EMS 125	EMS Instructor Methodology.....	2
EMS 235	EMS Management .....	2
EMS 130	Pharmacology I for EMS.....	2
EMS 131	Advanced Airway Management .....	2
EMS 140	Rescue Scene Management.....	2
EMS 150	Emergency Vehicles and EMS Communication .....	2
EMS 210	Advanced Patient Assessment .....	2
EMS 220	Cardiology .....	4
EMS 221	EMS Clinical Practicum II.....	3
EMS 230	Pharmacology II for EMS .....	2
EMS 231	EMS Clinical Practicum III.....	3
EMS 240	Special Needs Patients .....	2
EMS 241	EMS Clinical Practicum IV .....	3
EMS 250	Advanced Medical Emergencies.....	3
EMS 260	Advanced Trauma Emergencies.....	2
EMS 270	Life Span Emergencies .....	3
EMS 285	EMS Capstone.....	2

**Graduation Requirements ..... 73 Credit Hours**

