

# Paramedic Science AAS

Career & Technical Division

## **Program Description:**

The Paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is a link from the scene into the health care system.

The student completing an Associate in Applied Science Paramedic Degree will complete in addition to the Paramedic courses, general education courses that will better prepare the student to enter the workforce and progress to competitive job markets and management positions.

The Paramedic Science Associate Degree is an intense program designed for individuals involved in pursuing a career in the Emergency Medical Services field. The program consists of classroom lectures, practical labs and approximately 400 hours of clinical internships. Students will be eligible to sit for the National Registry of Emergency Medical Technicians Paramedic Examination after successful completion of the Paramedic Science core courses, only if the student has maintained a letter grade of “C” or higher in all Paramedic Science courses and credit “CR” in all Paramedic Clinical courses.

## **Career Outlook:**

Employment of emergency medical technicians and paramedics is expected to grow faster than the average for all occupations through 2026. Population growth and urbanization will increase the demand for full-time paid EMTs and Paramedics rather than for volunteers. In addition, a large segment of the population—the aging baby boomers—will further spur demand for EMS services as they become more likely to have medical emergencies. There will still be demand for part-time, volunteer EMTs and paramedics in rural areas and smaller metropolitan areas. In addition to those arising from job growth, openings will occur because of replacement needs.

## **Salary Forecast:**

For the most current salary information please refer to the Bureau of Labor Statistics “Occupational Outlook Handbook” found at [www.bls.gov/ooh/](http://www.bls.gov/ooh/).

## **Admission Requirements:**

Students seeking admission into the Paramedic Science program must arrange an appointment with the program faculty to obtain the application packet. This is to ensure that students receive current information regarding the program admission requirements and the criteria for selection. Students must be EMT certified and maintain EMT certification as prerequisite for admission to and continuation in the program.

Students must successfully pass a criminal background and drug screen prior to placement in a clinical setting.

## **Contact Information:**

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*Our mission is to prepare students for careers, civic responsibility and life-long learning.*

**Paramedic Science<sup>1,2,3,4,5</sup>– Major Code CP 30**

<b>Name:</b>	<b>ID Number 942-</b>
<b>Educational Counselor:</b>	
<b>Faculty Advisor:</b>	

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
Fall Semester							
BIOL 257	Introduction to Anatomy & Physiology <sup>6</sup>		3				
BIOL 259	Basic A & P Lab Module		1				
ENL 111	Written Communication <sup>7</sup>		3				
	Math Elective (100-level or above)		3				
	Gen Ed Elective (100-level or above)		3				
Spring Semester							
EME 109	Emergency Medical Technician		10				
	Gen Ed Elective (100-level or above)		3				
Fall Semester							
EME 201	Intro to Medical Emergencies		3				
EME 202	Airway/Trauma Management		4				
PAR 212	Pre-Hospital Pharmacology		2				
PAR 225	Rescue Operations		3				
EME 251	EMS Clinical I		2				
Spring Semester							
PAR 220	Cardiovascular Emergencies		4				
PAR 230	Special Patient Considerations		3				
PAR 231	Medical Emergencies		3				
PAR 251	Paramedic Clinical I		2				
PAR 252	Paramedic Clinical II		2				
PAR 270	EME Emergencies		4				
Summer Semester							
PAR 253	Paramedic Clinical III		3				
PAR 205	EMS Preparatory		3				
PAR 290	Paramedic Capstone		3				

**DEVELOPMENTAL COURSES REQUIRED**

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR

	Hours required for Graduation: 67
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<sup>1</sup> Students move through paramedic (PAR) coursework in sequence, beginning with the Third Semester (Fall) coursework.  
<sup>2</sup> Students must receive a letter grade of “C” or higher in “PAR” courses to be eligible to be eligible for the National Registry Exam.  
<sup>3</sup> Clinical Grades will be given on a Credit/Non-Credit basis. Students must earn a credit grade in all “PAR” clinical courses to be eligible for the National Registry Exam.  
<sup>4</sup> Students who at any time during the program earn a letter grade below “C” in “EME/PAR” courses, or receive a non-credit in “EME/PAR” clinical courses will be dismissed from the program.  
<sup>5</sup> Students who are dismissed from the program may reapply the next time the program begins.  
<sup>6</sup> Students who are EMT certified may begin coursework during the third semester of the A.A.S. Degree program. If a student has not completed BIOL 257 it must be taken during the third semester.  
<sup>7</sup> ENL 111 has a prerequisite of ENL 095, or placement in 100-level English, and REA 098, or placement in 100-level reading.