



## PROGRAM

ECC offers a program of study leading to an Associate of Applied Science degree and Certificate of Achievement in paramedic technology. Students in the program receive instruction in the recognition, treatment and transport of patients with medical emergencies and trauma.

To achieve licensure as a paramedic, students studying at ECC comply with U.S. Department of Transportation guidelines. These guidelines require that students first complete coursework leading to licensure as an Emergency Medical Technician-Basic prior to entering the paramedic technology certificate or degree program.

Courses combine classroom and laboratory activities with clinical experiences in an acute care setting. This provides the student with the opportunity to learn skills and techniques to be applied in the actual work setting. The program of study is accredited by the Missouri Bureau of Emergency Medical Services and prepares students for national licensure.



## EMPLOYMENT & SALARY OPPORTUNITIES

By 2026, the number of positions is expected to increase by 15.1%, per the U.S. Bureau of Labor Statistics.

Earnings of EMTs and paramedics depend on the employment setting and geographic location of their jobs, as well as their training and experience. Mean annual earnings of EMTs and paramedics were \$38,170 in 2020 for the state of Missouri.



## CAREER

People's lives often depend on the quick reaction and competent care of emergency medical technicians (EMTs) and paramedics. Incidents as varied as automobile accidents, heart attacks, slips and falls, childbirth and gunshot wounds all require immediate medical attention.

EMTs and paramedics provide this vital service as they care for and transport the sick or injured to a medical facility.



## ADMISSION REQUIREMENTS

To enter the program, students must have completed:

- **High school diploma or the equivalent**  
(documentation must be sent to the registration office)
- **Application for admission**
- **A placement test as specified by the college**  
(please note: some coursework requires minimum placement results)
- **Satisfactory criminal background check and drug screening**



## TRANSFER OPTIONS

The AAS degree is designed for students seeking employment immediately upon graduation. However, many of the credits, particularly the general education electives received with this degree, may qualify as transfer credit by four-year schools.



The East Central College Medical Assistant Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of Medical Assisting Education Review Board (MAERB).

Commission on Accreditation of Allied Health Education Programs | 25400 US Highway 19 N., Suite 158 • Clearwater, FL 33763  
727-210-2350 - [www.caahep.org](http://www.caahep.org)

The ECC Paramedic Technology Programs are accredited by the Missouri Bureau of Emergency Medical Services.  
PO Box 570 • Jefferson City, Missouri 65102 • <http://health.mo.gov/safety/ems>

## Year 1

Spring Semester	Hours
• COL*100 Campus Orientation	0.0
• COL*101 Falcon Seminar: Health Science (CA)	1.0
• BIO*151 Introduction to Human Anatomy & Physiology Lec/Lab (CA)	4.0
• EMT*109 EMT Clinical (CA)*	8.0
• EMT*110 EMT Lecture (CA)*	1.0
• EMT*101 BLS/Healthcare Providers (CA)**	0.5
<b>Total:</b>	<b>14.5</b>

Fall Semester	Hours
• EMS*104 ACLS (Advanced Cardiac Life Support)	1.0
• EMS*121 Introduction to Paramedic Technology (CA)	4.0
• EMS*122 Introduction to Paramedic Clinical (CA)	2.0
• EMS*152 Paramedic I (CA)	5.0
• EMS*151 Paramedic I Clinical (CA)	1.0
• EMS*161 Paramedic II (CA)	5.0
• EMS*162 Paramedic II Clinical (CA)	1.0
<b>Total:</b>	<b>19.0</b>

Spring Semester	Hours
• EMS*105 Pre-Hospital Trauma Life Support (CA)	1.0
• EMS*131 Pediatric Advanced Life Support (CA)	1.0
• EMS*201 Paramedic III Lecture (CA)	5.0
• EMS*202 Paramedic III Clinical (CA)	1.0
• EMS*212 Paramedic IV Lecture (CA)	5.0
• EMS*211 Paramedic IV Clinical (CA)	1.0
• EMS*221 Paramedic V Clinical (CA)	5.0
• EMS*222 Paramedic V Clinical (CA)	1.0
<b>Total:</b>	<b>20.0</b>

## Year 2

Spring Semester	Hours
• EMS*231 Paramedic VI Lecture (CA)	2.0
• EMS*290 Paramedic VI Field Internship (CA)	1.0
• CORE 42 Core 42 Written Communications	3.0
<b>Total:</b>	<b>6.0</b>

Fall Semester	Hours
• CORE 42 Core 42 Civics	3.0
• PSC*Civics Civics Achievement Exam (CA)	0.0
• CORE 42 Paramedic V Clinical (CA)	3.0
• SOC*101/ PHL*203 General Sociology or Ethics	3.0
• MTH*110/ 140/150 or higher Intermediate Algebra, Contemporary Math, Statistics or higher	3.0-5.0
<b>Total:</b>	<b>12.0-15.0</b>

## AAS PROGRAM (62-71.5 credit hours)

This program of study is for a full-time student; part-time study is also available. Please contact an academic advisor for full course options. All academic schedules are subject to change. Many of these courses are also part of the Certificate of Achievement program (CA). For the most current schedule, or to view the Certificate Program, visit [www.eastcentral.edu](http://www.eastcentral.edu).

\*Or current licensure as MO-EMT Basic

\*\* Or current BLS for Healthcare Provider