



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 \$34,500 in 2017 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)



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

*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>*

PARAMEDIC TECHNOLOGY

ASSOCIATE OF APPLIED SCIENCE

PROGRAM OF STUDY

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.

YEAR 1

FALL SEMESTER

COURSE	HOURS
COL 101 Foundation Seminar ^{CA}	1
BIO 151 Introduction to Human Anatomy & Physiology Lecture/Lab ^{CA}	4
EMT 109 EMT Clinical ^{CA} (or current licensure as MO-EMT Basic)	8
EMT 110 EMT Lecture ^{CA} (or current licensure as MO-EMT Basic)	1
EMT 101 BLS/ Healthcare Providers ^{CA} (or current BLS for Healthcare Provider)	0.5
Total Hours	14.5

SPRING SEMESTER

COURSE	HOURS
ENG 101/ ENG 114 English Comp I or Honors English Comp I	3
EMS 121 Introduction to Paramedic Technology ^{CA}	4
EMS 122 Introduction to Paramedic Clinical ^{CA}	2
EMS 152 Paramedic 1 ^{CA}	5
EMS 151 Paramedic Lab ^{CA}	1
PSC CIVICS Civics Achievement Exam (pass/fail)	0
Total Hours	15

SUMMER SEMESTER

COURSE	HOURS
EMS 162 Paramedic 2 ^{CA}	5
EMS 161 Paramedic 2 Clinical ^{CA}	1
Total Hours	6

*Or current licensure as MO-EMT Basic

** Or current BLS for Healthcare Provider

YEAR 2

FALL SEMESTER

COURSE	HOURS
EMS 201 Paramedic 3 Lecture ^{CA}	5
EMS 202 Paramedic 3 Clinical ^{CA}	1
EMS 212 Paramedic 4 Lecture ^{CA}	5
EMS 211 Paramedic 4 Clinical ^{CA}	1
EMS 104 Advanced Cardiac Life Support ^{CA}	1
Total Hours	13

SPRING SEMESTER

COURSE	HOURS
EMS 105 Pre-Hospital Trauma Life Support ^{CA}	1
EMS 221 Paramedic 5 Lecture ^{CA}	5
EMS 222 Paramedic 5 Clinical ^{CA}	1
EMS 231 Paramedic 6 Lecture ^{CA}	3
EMS 290 Paramedic 6 Field Internship	1
EMS 131 Pediatric Advanced Life Support ^{CA}	1
HIS 101/ History or Political Science Requirement	3
HIS 102/ PSC102	
COM 101 Oral Communications or Public Speaking	3
COM 110	
Total Hours	17

SUMMER SEMESTER

COURSE	HOURS
SOC 101 General Sociology or Ethics	3
PHL 203	
MTH 110/ 140/150 Intermediate Algebra, Contemporary Math Statistics (or higher)*	3
Total Hours	6