



# EAST CENTRAL COLLEGE

# PARAMEDIC TECHNOLOGY

## ASSOCIATE OF APPLIED SCIENCE DEGREE AND CERTIFICATE

Catalog Year Fall 2015

### East Central College

1964 Prairie Dell Road  
Union, Missouri 63084  
636-584-6500  
[www.eastcentral.edu](http://www.eastcentral.edu)

### Admissions Office

ECC Campus  
636-584-6563  
[admissions@eastcentral.edu](mailto:admissions@eastcentral.edu)

### Program Faculty

Thomas Fitts  
636-584-6623  
[Thomas.Fitts@eastcentral.edu](mailto:Thomas.Fitts@eastcentral.edu)

### Division Chair, Nursing and Allied Health

Robyn Walter  
636-584-6616  
[Robyn.Walter@eastcentral.edu](mailto:Robyn.Walter@eastcentral.edu)

### Accreditations

The East Central College Paramedic Program is accredited by:

1. Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)

CAAHEP  
1361 Park Street  
Clearwater, Florida 33756  
(727) 210-2350  
[www.caahep.org](http://www.caahep.org)

2. Missouri Bureau of Emergency Medical Services  
PO Box 570  
Jefferson City, Missouri 65102  
<http://health.mo.gov/safety/ems>

East Central College is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools  
30 N. LaSalle St., Suite 2400  
Chicago, Illinois 60602-2504  
800-621-7440

## THE 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.

## PROFESSIONAL TRAITS

Those pursuing a career in this field should:

- Be emotionally stable enough to cope with emergencies and other stressors
- Have good dexterity, agility and physical coordination
- Be able to lift and carry heavy loads
- Be decisive and able to respond quickly

## EMPLOYMENT AND SALARY INFORMATION

This profession is experiencing faster-than-average job growth, per the U.S. Bureau of Labor Statistics. By 2020, the number of positions is expected to increase by 33%

Earnings of EMTs and paramedics depend on the employment setting and geographic location of their jobs, as well as their training and experience. Median annual earnings of EMTs and paramedics were \$34,870 in May 2013.

The middle 50 percent earned between \$24,800 and \$41,470. The lowest 10 percent earned less than \$20,420, and the highest 10 percent earned more than \$54,710.

## THE 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 in 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.

ECC also offers a series of post-licensure refresher courses for professionals working in the field. The college is the designated regional training center for emergency medical services personnel. The EMS program has a state-of-the-art clinical lab which utilizes high-fidelity human patient simulators and an ambulance.

## ADMISSION REQUIREMENTS

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)

■ **ROLLA**  
573-466-4100

■ **SULLIVAN**  
573-468-8287

■ **UNION**  
636-584-6588

■ **WASHINGTON**  
636-239-0598

[WWW.EASTCENTRAL.EDU](http://WWW.EASTCENTRAL.EDU)

# PARAMEDIC TECHNOLOGY

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## PROGRAM OF STUDY

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. For the most current academic schedule (which is subject to change), visit the college Web site at [www.eastcentral.edu](http://www.eastcentral.edu).

The Paramedic Technology program has a spring or fall start. In addition, most paramedic courses are scheduled in eight-week sessions. Consult the online schedule or academic advisor for details.

This is a sample course of study. The student's academic advisor will customize the course of study based on the student's academic readiness and goals.

AAS program (75.5 credit hours)

A - Course that is also part of the Certificate of Achievement program (49 credit hours)

### YEAR 1

#### FALL SEMESTER

COURSE	HOURS
FS 1000 Campus Orientation/	
FS 1001 Foundation Seminar <sup>A</sup>	1
EM 1028 EMT Lecture *	8
EM 1051 EMT Clinical *	1
EM 1011 BLS/Healthcare Providers	0.5
BI 1804 Introduction to Human Anatomy & Physiology Lecture/Lab <sup>A</sup>	4
SC 1000 Laboratory Safety for Students <sup>A</sup>	0
Total Hours	14.5

\* Or current licensure as MO-EMT Basic

#### SPRING SEMESTER

COURSE	HOURS
EM 1064 Introduction to Paramedic Technology <sup>A#</sup>	4
EM 1072 Introduction to Paramedic Clinical <sup>A</sup>	2
EM 1116 Paramedic 1 <sup>A</sup>	6
EN 1223 English Comp I or	
EN 1233 Honors English Comp I	3
PE Requirement	1
Total Hours	16

#### SUMMER SEMESTER

COURSE	HOURS
EM 1126 Paramedic 2 <sup>A</sup>	6
EM 1131 Paramedic 2 Clinical <sup>A</sup>	1
Total Hours	7

# Please note: EM 1064 Introduction to Paramedic Technology can be completed in an eight-week session prior to Paramedic I.

### YEAR 2

#### FALL SEMESTER

COURSE	HOURS
EM 1215 Paramedic 3 Lecture <sup>A</sup>	5
EM 1221 Paramedic 3 Clinical <sup>A</sup>	1
EM 1226 Paramedic 4 Lecture <sup>A</sup>	6
EM 1231 Paramedic 4 Clinical <sup>A</sup>	1
EM 1031 Advanced Cardiac Life Support <sup>A</sup>	1
EM 1041 Pre-Hospital Trauma Life Support <sup>A</sup>	1
Total Hours	15

#### SPRING SEMESTER

COURSE	HOURS
EM 1326 Paramedic 5 Lecture <sup>A</sup>	6
EM 1331 Paramedic 5 Clinical <sup>A</sup>	1
EM 1323 Paramedic 6 Lecture <sup>A</sup>	3
HI 1000/	
PS 1000 Constitutions Study Module	0
History or Pol. Science Requirement	3
CT 1103 Public Speaking or	
CT 1003 Oral Communications	3
EM 1351 Pediatric Advanced Life Support <sup>A</sup>	1
Total Hours	17

#### SUMMER SEMESTER

COURSE	HOURS
EN 1333 English Comp II or	
EN 1343 Honors English Comp II	3
MT 1303 Intermediate Algebra	3
Total Hours	6