



MINERAL AREA COLLEGE

# ASSOCIATE OF APPLIED SCIENCE IN PARAMEDIC TECHNOLOGY FALL 2025

## THE COLLEGE

The Associate of Applied Science in Paramedic Technology degree is an extended four-semester program consisting of 44 credit hours of core curriculum and 23 credit hours of general education requirements.

Graduates of the Associate of Applied Science in Paramedic Technology program are prepared to perform advanced life support to the acutely ill and injured. They are skilled in-patient assessment and recognition of diagnostic signs and symptoms of illness and injury. Through an advanced evidence-based curriculum, students are trained to evaluate patients and deliver treatment rapidly and efficiently, thereby reducing morbidity and increasing mortality. Training consists of classroom instruction, simulation and laboratory practicum, field internship experience, and hospital clinical rotation.

Upon successful completion of the program, the graduate is eligible to apply to take the National Registry Exam. Satisfactory achievement on the examination will qualify graduates for licensure as a Paramedic.

## THE PROGRAM

The Paramedic Technology, Program prepares students for positions as emergency medical technicians-paramedics. Paramedics are skilled in-patient assessment and recognition of diagnostic signs and symptoms of major injuries and illnesses. They learn to use ambulances, rescue vehicles, and hospital emergency room equipment to provide high-level emergency medical care and stabilize emergency patients. Paramedics also are trained to provide advanced life support including fluid and drug therapy, as well as the performance of some essential emergency surgical techniques under the written or oral orders of licensed physicians. Students should have maturity in dealing with others. They should have good manual dexterity and physical coordination for carrying, lifting, extricating, climbing, hoisting, etc. In addition, they should be able to give as well as receive written and oral directions and

instructions. Good vision and visual color discrimination are necessary for the examination of patients to determine diagnostic signs requiring immediate treatment.

## PROGRAM PREREQUISITES

1. Graduate of an approved high school or the equivalent as determined by appropriate accrediting agencies (i.e. GED and HiSET).
2. Basic computer knowledge as evidenced by a high school or college computer course.
3. At least 18 years of age by program start date.
4. Valid EMT licensure in good standing or expect to obtain an EMT license by program start date.
5. Accuplacer Next Generation academic testing with the following minimum scores:
  - Writing: 250
  - Math (QAS): 250
  - Reading: 250
6. Successful general application and acceptance to Mineral Area College.

## APPLICATION PROCESS

The application deadline for the paramedic program that begins in **the Fall 2025 term is April 1, 2025.**

**Ensure the following documentation is on file by the deadline:**

- Paramedic application
- Academic test scores
- Official copies of dual credit and transfer transcripts
- Reference Contact Information Form
- Personal Interview (*to be scheduled*)

After being accepted into the program you will be contacted by the Office of EMS Education Programs and a Pre-Course Requirements Packet will be mailed to you. Students will also be required to successfully pass a background check and drug screening. All of this information is covered in detail in the packet.

**All applicants accepted into the program are considered on conditional status pending:**

- Required identification documentation
- Drug screening and background check
- Immunization requirements
- BLS for Healthcare Providers CPR Certification

*Successful completion of the program, however, does not guarantee eligibility to take the licensure exam or to become licensed.*

Applications for the paramedic program in accordance with the requirements in this publication must be submitted by **April 1, 2025** to the Office of EMS Education.

A Step-Out-and-License option is available to allow students who have completed the core curriculum to license while they continue to complete the general education requirements.



Mineral Area College programs meet DHE Core 42 guidelines. Courses are MOTRansfer guaranteed as indicated.

The Associate of Applied Science in Paramedic Technology program is accredited by the Missouri Bureau of EMS. The Mineral Area College paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Committee on Accreditation (CAAHEP) of Educational Programs for Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Ed. Programs  
25400 U.S. Highway 19 North, Suite 158  
Clearwater, FL 33763  
(727) 210-2350  
www.caahep.org

Committee on Accreditation of Educational Programs for the  
Emergency Medical Services Professions  
8301 Lakeview Parkway, Suite 111-312  
Rowlett, TX 75088  
(214) 703-8445  
www.coaemsp.org

Mineral Area College does not discriminate on the basis of race, color, national origin, gender identity, disability, age, religion, creed, sexual orientation, genetic and family medical history, or marital or parental status. For more information, contact the Human Resources Director, Title VI and VII, Title IX, Section 504, and ADA Coordinator at (573) 518-2378



**MINERAL AREA COLLEGE**

Mineral Area College is fully accredited by the Missouri Department of Education and the:

Higher Learning Commission  
230 N. LaSalle Street, Suite 7-500  
Chicago, Illinois 60604  
Phone: (800) 621-7440

**PROGRAM CURRICULUM**

General Education Courses	Credits
BIO 2540 Human Anatomy and Physiology .....	5
ENG 1330 [ENGL100] English Composition I.....	3
GUI 1010 First Year Seminar .....	1
HIS 0000 MO Higher Education Civics Exam.....	0
MAT 1240 [MATH120] Quantitative Reasoning* .....	3
PHS 1250 [CHEM100L] Introductory Chemistry .....	5
PSY 1130 [PSYC100] General Psychology .....	3
POS 1180 [POSC101] American Political Systems **	3
<b>Academic Credit Hours: 23</b>	

**Prerequisites**

BIO 2540 Human Anatomy & Physiology* <b>OR</b> .....	5
PAR 2100 Paramedic Anatomy & Physiology*.....	4

1st Semester (Fall)	Credits
PAR 2013 Principles of Paramedic Technology I .....	6
PAR 2083 Paramedic Pharmacology.....	6
PAR 2213 Paramedic Clinical I.....	3
Total Sem Cr Hrs.....	<b>15</b>

2nd Semester (Spring)	Credits
PAR 2023 Principles of Paramedic Technology II .....	6
PAR 2123 Paramedic Cardiology.....	6
PAR 2223 Paramedic Clinical II .....	4
Total Sem Cr Hrs.....	<b>16</b>

3rd Semester (Summer)	Credits
PAR 2043 Principles of Paramedic Technology III .....	5
PAR 2263 Paramedic Clinical III .....	3
Total Sem Cr Hrs.....	<b>8</b>

4th Semester (Fall)	Credits
PAR 2353 Paramedic Field Internship Seminar .....	1
PAR 2373 Paramedic Field Internship Capstone.....	4
Total Sem Cr Hrs.....	<b>5</b>

**Program Credit Hours: 44**

**TOTAL PROGRAM CREDIT HOURS: 67**

\*MAT1205 Application of College Math and MAT1230 College Algebra are accepted as equivalent courses.

\*\* HIS1230 [HIST101] American History I or HIS1240 [HIST201] American History II or POS 1130 American National Government can be substituted.