

# EMERGENCY MEDICAL TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE



This program is designed for individuals providing emergency medical service to the community. Three levels of training are available: EMT-B, EMT-P and Associate of Applied Science degree in Emergency Medical Technology. Certification is provided by the National Registry of Emergency Medical Technicians (NREMT) and the Ohio Dept. of Public Safety, Division of EMS. The graduate may function on the levels required by Ohio Law to provide basic and advanced life support under the direction of a physician, as well as to provide supervision of operations in an emergency service. A criminal background check must be completed through a program approved source prior to participation in clinical or field experiences. State of Ohio EMS Accreditation number: 312.

**Program contact:** Learn more

**This degree program contains one or more embedded certificates which will be automatically awarded when the certificate requirements are completed. If you do not want to receive the embedded certificate(s), please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.**

Learn more about how certificate credits apply to the related degree.

## Related Degrees and Certificates

- Fire - Emergency Medical Services, Associate of Applied Science
- Emergency Medical Technician-Basic, Short-Term Certificate
- Paramedic, Certificate of Proficiency

## Related Training and Credentials

- Advanced EMS Training

## Program Admission Requirements

Application may be submitted to the Health Careers Enrollment Center after meeting the English and Math requirements:

- High School Diploma/GED
- Complete ENG-1010 College Composition I or ENG-101H Honors College Composition I with "C" or higher
- Complete MATH-1000 level or higher with "C" or higher
- GPA required: 2.0 admissions requirements, 2.0 overall
- One year EMT-Basic experience preferred for entry into EMT-P
- EMT-Basic Ohio certification prior to first day of EMT-2330 Paramedic Theory I
- Signed felon-misdemeanor statement

- EMT Basic certification and Program Manager approval for all courses, except EMT-1310 Cardiopulmonary Resuscitation

## Other Information

- 60 students accepted per year
- Criminal background check required
- EMT-Basic available at Eastern, Metropolitan, Western & Westshore; EMT-P available at Eastern, Metropolitan, Western, Westshore and offsite location
- Courses offered as listed in schedule. Many are flexible
- Must be 18 years of age or 17 years of age and high school senior for EMT-Basic
- All EMT classes must be completed with "C" or higher
- Clinical components of all classes must be completed within one year
- Admission to the program may be denied or revoked for failure to comply with program policies and procedure or Ohio Revised/ Administrative Code 4765

## Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

1. Utilizing various verbal, non-verbal, written and electronic communication methods, one will be able to interact with and educate a diverse group of populations, which would include public administration, our colleagues and the community, to provide direction and information about patient care or an event that meets the goals/objectives of the organization, while adhering to federal privacy standards.
2. Exhibit professional, ethical and compassionate behavior which follows department, city, state and federal regulations when interacting with diverse groups of patients, their families, healthcare professionals and the community to promote sound physical, psychological, spiritual health and safety at all times.
3. Assess the mechanism of injury and nature of illness, determine the best therapeutic modalities and evacuation means for the trauma and medical patient, and formulate and initiate the treatment plan needed to optimize the patient's outcome within a Paramedic Scope of Practice.
4. Perform pre-hospital and inter-facility assessments and treatments using advanced medical techniques and equipment available within a Paramedic Scope of Practice.
5. Identify current and potential hazards and perform duties maintaining a safe work environment for themselves, co-workers, patients and bystanders.
6. Use strategic management and ethical decision making skills to lead, schedule, and staff Emergency Medical Services (EMS) Systems.
7. Effectively resolve conflict and solve problems, and utilize personal organizational skills to excel in a fast-paced, dynamic work setting.
8. Apply critical thinking skills to identify risks, implement solutions, analyze outcomes, and adapt to change within the dynamic field of Emergency Medical Services.
9. Values wellness and participates in activities to promote sound physical, psychological, and spiritual health in themselves, patients and their families, healthcare professionals and community members.
10. Sit for the National Registry of Emergency Medical Technician Exam, National Registry of EMTs Paramedic Certification Exam, University

of Maryland Baltimore Campus Critical Care Paramedic Certification Exam and Flight Paramedic Certified Exam.

## Suggested Semester Sequence

First Semester		Credit Hours
BIO-2331	Anatomy and Physiology I <sup>1</sup>	4
EMT-1302	Emergency Medical Technician - Basic	6
EMT-130L	EMT Basic Practical Lab	1
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
<b>Credit Hours</b>		<b>14</b>
Second Semester		Credit Hours
BIO-2341	Anatomy and Physiology II	4
MA-1010	Introduction to Medical Terminology <sup>2</sup>	2
UST-1010	Introduction to Urban Studies	3
Select one of the following:		3
MATH-1190	Algebraic and Quantitative Reasoning	
MATH-1410	Elementary Probability and Statistics I (or Any Approved Ohio Transfer 36 Mathematics course) <sup>3,4</sup>	
Select one of the following:		3
ENG-1020	College Composition II	
ENG-102H	Honors College Composition II	
<b>Credit Hours</b>		<b>15</b>
Third Semester		Credit Hours
EMT-2330	Paramedic Theory I <sup>4</sup>	6
EMT-2350	Paramedic Theory III <sup>4</sup>	6
Select one of the following:		3
PSY-1010	General Psychology	
PSY-101H	Honors General Psychology	
<b>Credit Hours</b>		<b>15</b>
Fourth Semester		Credit Hours
EMT-2340	Paramedic Theory II <sup>5</sup>	6
EMT-2360	Paramedic Theory IV <sup>5</sup>	6
Select one of the following:		4
PSY-2020	Life Span Development	
PSY-202H	Honors Life Span Development	
<b>Credit Hours</b>		<b>16</b>
Summer Completion		Credit Hours
EMT-2371	Paramedic Capstone Course	5
<b>Credit Hours</b>		<b>5</b>
<b>Total Credit Hours</b>		<b>65</b>

<sup>4</sup> MATH-1100 Mathematical Explorations or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet the mathematics requirement for this program.

<sup>5</sup> Consecutive eight week course.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

<sup>1</sup> Requires passing Biology Placement Test or completion of BIO-1100 Introduction to Biological Chemistry with a "C" or higher.

<sup>2</sup> MA-1020 Medical Terminology I will be accepted in place of MA-1010 Introduction to Medical Terminology.

<sup>3</sup> MATH-1410 Elementary Probability and Statistics I recommended for Nursing Transfer or CSU BA in Public Safety Management (PSM) Transfer.