



## **Emergency Medical Services A.A.S.**

Curriculum Code: 0276

Effective: Fall 2019 – Summer 2024

### **Description**

Basic Emergency Medical Technicians are members of the health care team in the pre-hospital emergency care setting. EMT personnel staff ambulances and are employed in hospitals, industry, and other public service agencies. They are expected to respond rapidly and effectively to many forms of trauma and medical emergencies and work in close contact with emergency physicians. Paramedics are employed by advanced life support ambulances and in emergency departments and critical care units of hospitals. The job is often fast-paced and always challenging. State licensing is required at both levels.

### **Additional Information**

All Emergency Medical Services courses are approved by the Michigan Department of Health and Human Services. The Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs, 25400 US Highway 19 North, Suite 158, Clearwater, FL 33756, in conjunction with the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions.

This associate degree includes the Paramedic Certificate of Achievement selective admission program. Refer to the Paramedic C.A. Pathway, Curriculum Code 0272. The Paramedic admission and/or graduation requirements change each academic year. The program requirements below apply only to those students who have been admitted to the program for the 2019/2020 academic year. For the most current information, interested students should contact the Emergency Medical Services program in the Health and Human Services Building, Room 108, telephone number 517-483-1810, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

To graduate from this program, students must complete each required EMTA and PARA course with a minimum grade of 3.0 and each required BIOL course with a minimum grade of 2.5. A minimum grade of 2.0 is required in all other courses.

Students in this program choose either Daytime EMT Academy or Evening EMT Academy to determine the sequence of courses to take each semester.

### **Contact Information**

Contact the Emergency Medical Services program, Health and Human Services Building, Room 108, telephone number 517-483-1410, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

## General Education Core Courses, Recommended Choices

(For the full list of options, see [General Education Core](#))

- Communication  
Program of Study Required Courses will meet this requirement.
  
- Global Perspective and Diversity – *Select one*  
COMM 280, Intercultural Communication, 3 credits / 3 billing hours  
MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours  
SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours
  
- Math – *Select one*  
MATH 120, College Algebra, 4 credits / 4 billing hours  
MATH 121, Precalculus I, 4 credits / 4 billing hours  
MATH 122, Precalculus II, 4 credits / 4 billing hours
  
- Science  
Program of Study Required Courses for Admission will meet this requirement.
  
- Writing – *Select one*  
ENGL 121, Composition I, 4 credits / 4 billing hours  
ENGL 124, Technical Writing, 3 credits / 3 billing hours  
ENGL 127, Business Writing, 3 credits / 3 billing hours  
ENGL 131, Honors Composition I, 4 credits / 4 billing hours

### Program of Study Required Courses for Admission – *Select one*

| Course Code      | Course Title                       | Credit / Billing Hours |
|------------------|------------------------------------|------------------------|
| BIOL 145         | Intro Anatomy and Physiology       | 4 / 6                  |
| BIOL 201 and 202 | Human Anatomy and Human Physiology | 8 / 11 (total)         |

### Program of Study Required Courses

| Course Code | Course Title                   | Credit / Billing Hours |
|-------------|--------------------------------|------------------------|
| COMM 110    | Communication in the Workplace | 3 / 3                  |
| EMTA 101    | Basic EMT I                    | 4 / 4                  |
| EMTA 102    | Basic EMT II                   | 2 / 4                  |
| EMTA 103    | Basic EMT III                  | 4 / 4                  |
| EMTA 104    | Basic EMT IV                   | 2 / 4                  |
| EMTA 112    | Basic EMT Clinical             | 2 / 4                  |
| PARA 221    | Paramedic Medical Trauma I     | 4 / 4                  |
| PARA 222    | Paramedic Medical Trauma II    | 4 / 4                  |
| PARA 231    | Paramedic Cardiology I         | 2.5 / 2.5              |
| PARA 232    | Paramedic Cardiology II        | 2.5 / 2.5              |
| PARA 241    | Paramedic Pharmacology I       | 2.5 / 2.5              |

| Course Code | Course Title              | Credit / Billing Hours |
|-------------|---------------------------|------------------------|
| PARA 242    | Paramedic Pharmacology II | 2.5 / 2.5              |
| PARA 251    | Paramedic Skills I        | 2.5 / 7.5              |
| PARA 252    | Paramedic Skills II       | 2.5 / 7.5              |
| PARA 261    | Paramedic Clinical I      | 3 / 4                  |
| PARA 262    | Paramedic Clinical II     | 3 / 4                  |
| PARA 263    | Paramedic Internship      | 4 / 4                  |
| PFHW 163    | Healthy Lifestyles        | 2 / 3                  |

### Total Credit Hours

66-72 credits / 87-94 billing hours

### Recommended Course Sequence for Daytime EMT Academy

| Semester I  | Semester II  |
|---|--|
| Math Core<br>Writing Core<br>BIOL 145 or (BIOL 201 and 202) | Global Perspectives and Diversity Core<br>COMM 110<br>PFHW 163 |

| Semester III (Spring)                                    | Semester IV (Fall)                                       |
|--|--|
| EMTA 101<br>EMTA 102<br>EMTA 103<br>EMTA 104<br>EMTA 112 | PARA 221<br>PARA 231<br>PARA 241<br>PARA 251<br>PARA 261 |

| Semester V (Spring)                                      | Semester VI (Summer) |
|--|----------------------|
| PARA 222<br>PARA 232<br>PARA 242<br>PARA 252<br>PARA 262 | PARA 263             |

### Recommended Course Sequence for Evening EMT Academy

| Semester I                                     | Semester II  |
|--|--|
| Writing Core<br>BIOL 145 or (BIOL 201 and 202) | Global Perspectives and Diversity Core<br>COMM 110 |

| Semester III (Fall)                           | Semester IV (Spring)             |
|---|----------------------------------|
| Math Core<br>EMTA 101<br>EMTA 102<br>PFHW 163 | EMTA 103<br>EMTA 104<br>EMTA 112 |

| Semester V (Fall) | Semester VI (Spring) |
|-------------------|----------------------|
| PARA 221          | PARA 222             |
| PARA 231          | PARA 232             |
| PARA 241          | PARA 242             |
| PARA 251          | PARA 252             |
| PARA 261          | PARA 262             |

| Semester VII (Summer) |
|-----------------------|
| PARA 263              |