Emergency Medical Services A.A.S.
Career Community: Health and Human Service Careers
Curriculum Code: 0276
Effective: Fall 2023 – Summer 2028

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.

Milestone
In addition to the required General Education courses in Math and English, completion of EMTA 101 and EMTA 102 with a 3.0 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

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.

Students completing this degree are also eligible for the Paramedic Certificate of Achievement. Refer to the Paramedic C.A. pathway, Curriculum Code 0272.

The Paramedic program approval and/or graduation requirements may change each academic year. The program requirements below apply only to those students who begin the program during the 2023/2024 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 517-483-1410, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

To graduate from this program, students must complete the BIOL course(s) and PARA 221, 231, 241, 251 and 261 with a minimum grade of 2.5, and all other PARA courses and all EMTA courses with a minimum grade of 3.0. A minimum grade of 2.0 is required in all other courses.

Students in this program choose either Daytime EMT Academy and Full-time Paramedic Program, or Evening EMT Academy and Part-time Paramedic Program to determine the sequence of courses to take each semester.
Contact Information
For further information, including career options, course substitutions and waivers, etc., 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 – Applied Degrees, Recommended Courses
(For the full list of options, see General Education)

- English Composition or Applied English – 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

- English Composition (second course)/Communication or Applied Communication – Select One
  COMM 110, Communication in the Workplace, 3 credits / 3 billing hours
  COMM 120, Dynamics of Communication, 3 credits / 3 billing hours
  COMM 130, Fundamentals Public Speaking, 3 credits / 3 billing hours
  ENGL 122, Composition II, 4 credits / 4 billing hours

- Humanities and Fine Arts or Social Sciences or Applied Social Sciences – Select one
  COMM 280, Intercultural Communication, 3 credits / 3 billing hours
  MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours
  PSYC 200, Introduction to Psychology, 4 credits / 4 billing hours
  SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours

- Mathematics or Applied Mathematics – Select one
  MATH 120, College Algebra, 4 credits / 4 billing hours
  MATH 126, Precalculus, 5 credits / 5 billing hours

- Natural Sciences Lab or Applied Science and Technology Lab
  Program of Study Required Courses for Admission will meet this requirement

Program of Study Required Courses for Admission, Limited Choice – Select BIOL 145 or, BIOL 201 and BIOL 202. This course will satisfy the General Education Natural Sciences Lab or Applied Science and Technology Lab requirement.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit / Billing Hours</th>
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<tbody>
<tr>
<td>BIOL 145</td>
<td>Intro Anatomy and Physiology</td>
<td>4 / 6</td>
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<tr>
<td>BIOL 201 and 202</td>
<td>Human Anatomy and Human Physiology</td>
<td>8 / 11</td>
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### Program of Study Required Courses

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EMTA 101</td>
<td>Basic EMT I</td>
<td>4 / 4</td>
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<tr>
<td>EMTA 102</td>
<td>Basic EMT II</td>
<td>2 / 4</td>
</tr>
<tr>
<td>EMTA 103</td>
<td>Basic EMT III</td>
<td>4 / 4</td>
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<tr>
<td>EMTA 104</td>
<td>Basic EMT IV</td>
<td>2 / 4</td>
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<tr>
<td>EMTA 112</td>
<td>Basic EMT Clinical</td>
<td>4 / 4</td>
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<tr>
<td>PARA 221</td>
<td>Paramedic Medical Trauma I</td>
<td>4 / 4</td>
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<tr>
<td>PARA 222</td>
<td>Paramedic Medical Trauma II</td>
<td>4 / 4</td>
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<tr>
<td>PARA 231</td>
<td>Paramedic Cardiology I</td>
<td>2.5 / 2.5</td>
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<tr>
<td>PARA 232</td>
<td>Paramedic Cardiology II</td>
<td>2.5 / 2.5</td>
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<tr>
<td>PARA 241</td>
<td>Paramedic Pharmacology I</td>
<td>2.5 / 2.5</td>
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<tr>
<td>PARA 242</td>
<td>Paramedic Pharmacology II</td>
<td>2.5 / 2.5</td>
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<tr>
<td>PARA 251</td>
<td>Paramedic Skills I</td>
<td>2.5 / 7.5</td>
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<tr>
<td>PARA 252</td>
<td>Paramedic Skills II</td>
<td>2.5 / 7.5</td>
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<tr>
<td>PARA 261</td>
<td>Paramedic Clinical I</td>
<td>3 / 4</td>
</tr>
<tr>
<td>PARA 262</td>
<td>Paramedic Clinical II</td>
<td>3 / 4</td>
</tr>
<tr>
<td>PARA 263</td>
<td>Paramedic Internship</td>
<td>4 / 4</td>
</tr>
<tr>
<td>PFHW 163</td>
<td>Healthy Lifestyles</td>
<td>2 / 3</td>
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### Minimum Total Credit Hours

68 credits / 87 billing hours

### Recommended Course Sequence for Daytime EMT Academy and Full-time Paramedic Program

#### Semester I
- Gen Ed – English Composition or Applied English
- Gen Ed – Mathematics or Applied Mathematics
- BIOL 145 or (BIOL 201 and 202)

#### Semester II
- Gen Ed - Humanities and Fine Arts or Social Sciences or Applied Social Sciences
- Gen Ed – English Comp (second course)/ Communication or Applied Communication
- PFHW 163

#### Semester III (Spring)
- EMTA 101 – Milestone course
- EMTA 102 – Milestone course
- EMTA 103
- EMTA 104
- EMTA 112
Semester IV (Fall)
PARA 221
PARA 231
PARA 241
PARA 251
PARA 261

Semester V (Spring)
PARA 222
PARA 232
PARA 242
PARA 252
PARA 262

Semester VI (Summer)
PARA 263

Recommended Course Sequence for Evening EMT Academy and Part-time Paramedic Program

Semester I (Fall)
Gen Ed – English Composition or Applied English
EMTA 101 – Milestone course
EMTA 102 – Milestone course
PFHW 163

Semester II (Spring)
Gen Ed – Mathematics or Applied Mathematics
EMTA 103
EMTA 104
EMTA 112

Semester III (Fall)
Gen Ed – English Comp (second course)/ Communication or Applied Communication
Gen Ed - Humanities and Fine Arts or Social Sciences or Applied Social Sciences
BIOL 145 or (BIOL 201 and 202)

Semester IV (Spring)
PARA 221
PARA 231
PARA 241
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<tr>
<th>Semester V (Summer)</th>
<th>PARA 251</th>
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<td>PARA 232</td>
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<th>Semester VII (Spring)</th>
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<td>PARA 262</td>
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<th>Semester VIII (Summer)</th>
<th>PARA 263</th>
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*LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.*