



Emergency Medical Services A.A.S.

Career Community: Health and Human Service Careers

Curriculum Code: 0276

Effective: Fall 2022 – Summer 2027

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 2022/2023 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

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)/Communications or Applied Communications – *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 122, Trigonometry, 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 one. This course will satisfy the General Education Natural Sciences Lab or Applied Science and Technology Lab requirement.*

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

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
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	4 / 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
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

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)/ Communications or Applied Communications
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)/ Communications or Applied Communications
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

Semester V (Summer)
PARA 251
PARA 261

Semester VI (Fall)
PARA 222
PARA 232
PARA 242

Semester VII (Spring)
PARA 252
PARA 262

Semester VIII (Summer)
PARA 263

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.