

LANSING COMMUNITY COLLEGE

Health & Public Services

Curriculum Code: 0276
(Effective Fall 2018 –
Summer 2023)

Emergency Medical Services A.A.S. Pathway

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.

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.

Admission Requirements

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 2018/2019 academic year. For the most current and complete 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.

Note:

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.

For More 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.

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

DAYTIME EMT ACADEMY

Semesters I and II to be determined by student	Course Title	Prerequisites	Credit/Billing Hours
Paramedic Admission Requirements - <i>Select A or B</i> <i>BIOL 145 or BIOL 202 will also satisfy the requirement for the Science Core Area</i>			
BIOL 145 A	Intro Anatomy and Physiology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
BIOL 201 B	Human Anatomy	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
BIOL 202 B	Human Physiology	Minimum 2.0 in BIOL 201 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 5 or minimum 2.0 in MATH 109 or STAT 170 or concurrent enrollment in MATH 119)	4 / 5
Writing Core Area - <i>Select 1</i>			
ENGL 121	Composition I	Reading Level 5 and Writing Level 6 (or Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
ENGL 124	Technical Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
ENGL 127	Business Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
ENGL 131	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4

Global Perspectives and Diversity Core Area - <i>Select 1</i>			
COMM 280	Intercultural Communication	Reading Level 5 and Writing Level 6	3 / 3
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
Math Core Area - <i>Select 1</i>			
MATH 120	College Algebra	(Minimum 2.0 in MATH 109 or MATH 112 within 2 years or Math Level 6 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
MATH 121	Precalculus I	(Minimum 2.5 in (MATH 109 or MATH 112) within 2 years OR (SAT Math 550 or ACT Math 22 or CPT College Level Math 55) within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
MATH 122	Precalculus II	(Minimum 2.0 in MATH 121 within 2 years or Math Level 7 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
Program of Study Requirements			
<i>COMM 110 also satisfies the requirement for the Communication Core Area.</i>			
COMM 110	Oral Communication in the Workplace	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
PFHW 163	Healthy Lifestyles	Reading Level 5 and Writing Level 6	2 / 3
Credits			19-25 / 22-29

Semester III Spring	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
EMTA 101	Basic EMT I	Reading Level 5 and Writing Level 6 and Program Approval	4 / 4
EMTA 102	Basic EMT II	Reading Level 5 and Writing Level 6	2 / 4
EMTA 103	Basic EMT III	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 104 and EMTA 112	4 / 4
EMTA 104	Basic EMT IV	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 103 and EMTA 112	2 / 4
EMTA 112	Basic EMT Clinical	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 103 and EMTA 104	2 / 4
Credits			14 / 20

Semester IV Fall	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
PARA 221	Paramedic Medical Trauma I	Admission to Paramedic Program and Reading Level 5 and Writing Level 6 and Math Level 4 and (minimum 2.5 in BIOL 145 or (BIOL 201 and BIOL 202)); Co-requisite Course(s): PARA 231 and PARA 241 and PARA 251 and PARA 261	4 / 4
PARA 231	Paramedic Cardiology I	Admission to Paramedic Program and Co-requisite Courses	2.5 / 2.5
PARA 241	Paramedic Pharmacology I	Admission to Paramedic Program and Co-requisite Courses	2.5 / 2.5
PARA 251	Paramedic Skills I	Admission to Paramedic Program and Co-requisite Courses	2.5 / 7.5
PARA 261	Paramedic Clinical I	Admission to Paramedic Program and Co-requisite Courses	3 / 4
Credits			14.5 / 20.5
Semester V Spring	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
PARA 222	Paramedic Medical Trauma II	Minimum 3.0 in PARA 221	4 / 4
PARA 232	Paramedic Cardiology II	Minimum 3.0 in PARA 231	2.5 / 2.5
PARA 242	Paramedic Pharmacology II	Minimum 3.0 in PARA 241	2.5 / 2.5
PARA 252	Paramedic Skills II	Minimum 3.0 in PARA 251	2.5 / 7.5
PARA 262	Paramedic Clinical II	Minimum 3.0 in PARA 261	3 / 4
Credits			14.5 / 20.5

Semester VI Summer	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
PARA 263	Paramedic Internship	Minimum 3.0 in PARA 222 and PARA 232 and PARA 242 and PARA 252 and PARA 262 or concurrently	4 / 4
Credits			4 / 4
Daytime EMT Academy Total Credits			66-72 / 87-94
EVENING EMT ACADEMY			
Semesters I and II to be determined by student	Course Title	Prerequisites	Credit/Billing Hours
Paramedic Admission Requirements - <i>Select A or B</i>			
<i>BIOL 145 or BIOL 202 will also satisfy the requirement for the Science Core Area</i>			
BIOL 145 A	Intro Anatomy and Physiology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
BIOL 201 B	Human Anatomy	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
BIOL 202 B	Human Physiology	Minimum 2.0 in BIOL 201 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 5 or minimum 2.0 in MATH 109 or STAT 170 or concurrent enrollment in MATH 119)	4 / 5

Writing Core Area - <i>Select 1</i>			
ENGL 121	Composition I	Reading Level 5 and Writing Level 6 (or Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
ENGL 124	Technical Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
ENGL 127	Business Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
ENGL 131	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
Global Perspectives and Diversity Core Area - <i>Select 1</i>			
COMM 280	Intercultural Communication	Reading Level 5 and Writing Level 6	3 / 3
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
Program of Study Requirements			
<i>COMM 110 also satisfies the requirement for the Communication Core Area.</i>			
COMM 110	Oral Communication in the Workplace	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
Credits			13-19/ 15-22

Semester III Fall	Course Title	Prerequisites	Credit/Billing Hours
Math Core Area - <i>Select 1</i>			
MATH 120	College Algebra	(Minimum 2.0 in MATH 109 or MATH 112 within 2 years or Math Level 6 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
MATH 121	Precalculus I	(Minimum 2.5 in (MATH 109 or MATH 112) within 2 years OR (SAT Math 550 or ACT Math 22 or CPT College Level Math 55) within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
MATH 122	Precalculus II	(Minimum 2.0 in MATH 121 within 2 years or Math Level 7 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
Program of Study Requirements			
EMTA 101	Basic EMT I	Reading Level 5 and Writing Level 6 and Program Approval	4 / 4
EMTA 102	Basic EMT II	Reading Level 5 and Writing Level 6	2 / 4
PFHW 163	Healthy Lifestyles	Reading Level 5 and Writing Level 6	2 / 3
Credits			12/ 15

Semester IV Spring	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
EMTA 103	Basic EMT III	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 104 and EMTA 112	4 / 4
EMTA 104	Basic EMT IV	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 103 and EMTA 112	2 / 4
EMTA 112	Basic EMT Clinical	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 103 and EMTA 104	2 / 4
Credits			8 / 12

Semester V Fall	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
PARA 221	Paramedic Medical Trauma I	Admission to Paramedic Program and Reading Level 5 and Writing Level 6 and Math Level 4 and (minimum 2.5 in BIOL 145 or (BIOL 201 and BIOL 202)); Co-requisite Course(s): PARA 231 and PARA 241 and PARA 251 and PARA 261	4 / 4
PARA 231	Paramedic Cardiology I	Admission to Paramedic Program and Co-requisite Courses	2.5 / 2.5
PARA 241	Paramedic Pharmacology I	Admission to Paramedic Program and Co-requisite Courses	2.5 / 2.5
PARA 251	Paramedic Skills I	Admission to Paramedic Program and Co-requisite Courses	2.5 / 7.5
PARA 261	Paramedic Clinical I	Admission to Paramedic Program and Co-requisite Courses	3 / 4
Credits			14.5 / 20.5
Semester VI Spring	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
PARA 222	Paramedic Medical Trauma II	Minimum 3.0 in PARA 221	4 / 4
PARA 232	Paramedic Cardiology II	Minimum 3.0 in PARA 231	2.5 / 2.5
PARA 242	Paramedic Pharmacology II	Minimum 3.0 in PARA 241	2.5 / 2.5
PARA 252	Paramedic Skills II	Minimum 3.0 in PARA 251	2.5 / 7.5
PARA 262	Paramedic Clinical II	Minimum 3.0 in PARA 261	3 / 4
Credits			14.5 / 20.5

Semester VII Summer	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
PARA 263	Paramedic Internship	Minimum 3.0 in PARA 222 and PARA 232 and PARA 242 and PARA 252 and PARA 262 or concurrently	4 / 4
Credits			4 / 4
Evening EMT Academy Total Credits			66-72 / 87-94