



## **Paramedic C.A.**

Career Community: Health Careers

Curriculum Code: 0272

Effective: Fall 2025 – Summer 2027

### **Purpose of the Major**

This certificate is for individuals with a valid State of Michigan EMT License. The program provides education and training for advanced techniques of administering care in life-threatening conditions. Paramedics are employed by advanced life support ambulance services and in emergency departments and critical care units of hospitals. State licensing is required. 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 33763, in conjunction with the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions.

### **Milestone**

Completion of PARA 221, PARA 231, PARA 241, PARA 251, and PARA 261 with a 2.5 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**

Registration for PARA 221, PARA 231, PARA 241, PARA 251, and PARA 261 requires Program Approval. The application deadline is July 1. The application, advising guide, and current information regarding program requirements are available through the [LCC EMS webpage](#).

Students may not begin a new semester in the Paramedic Program until they have successfully completed all of the PARA courses listed in the previous semester. To earn the Certificate of Achievement, a grade of 2.5 or above is required in PARA 221, 231, 241, 251 and 261, and a grade of 3.0 or above is required in all other PARA courses.

The BIOL course(s) must be completed with a minimum grade of 2.5 within 8 years of the application deadline and prior to beginning the Paramedic program. The BIOL 201 and 202 option is recommended for transferability into other health care programs and colleges.

### **Contact Information**

The program approval and/or graduation requirements for this program may change each academic year. The program requirements below apply only to those students who begin the program during the 2025-2026 academic year. For further information, including career options, program requirements, course substitutions and waivers, etc., contact the Paramedic 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.

**Major Required Courses for Admission, Limited Choice** –Select BIOL 145 or, BIOL 201 and BIOL 202.

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)

**Major Required Courses**

Course Code	Course Title	Credit / Billing Hours
PARA 221	Paramedic Medical Trauma I	3.75 / 3.75
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	2.5 / 4
PARA 262	Paramedic Clinical II	2.75 / 4
PARA 263	Paramedic Internship	4 / 4

**Additional Credits**

After completing the course and credit requirements as noted on this pathway, students who fall short of the 30-credit minimum required for a Certificate of Achievement may select any course(s) needed to reach 30 credits, except those courses noted in number 7 in the [Institutional Requirements for Certificates of Achievement](#). Students are encouraged to use Degree Works and meet with an Advisor to ensure all requirements are met and for course recommendations.

**Minimum Total Credit Hours**

36 credits / 50.75 billing hours

**Required Course Sequence**

Semester I
BIOL 145 or (BIOL 201 and 202)

Semester II (Fall)
PARA 221 – Milestone course
PARA 231 – Milestone course
PARA 241 – Milestone course
PARA 251 – Milestone course
PARA 261 – Milestone course

Semester III (Spring)
PARA 222
PARA 232
PARA 242
PARA 252
PARA 262
Semester IV (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 titles, and make course changes as needed, without prior notice. The College also reserves the right to discontinue programs when warranted.*