

**Program Number 31-531-1**  
**Technical Diploma • Three Terms**
**ABOUT THE PROGRAM**

Life can bring about unfortunate events of medical or traumatic emergency; a Paramedic is a highly trained and skilled medical professional ready to assist those in need. Paramedics integrate Advanced Life Support treatment measures into the challenging emergency healthcare environment. The Technical Diploma EMT-Paramedic is an entry level educated Paramedic meeting the minimum national educational standards.

**PROGRAM OUTCOMES**

- Prepare for incident response and EMS operations.
- Integrate pathophysiological principles and assessment findings for a variety of patient encounters.
- Demonstrate paramedic skills associated with established standards and procedures for a variety of patient encounters.
- Communicate effectively with others.
- Demonstrate professional behavior.
- Meet state and national competency requirements for paramedic credentialing.

**CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES**

LTC credits transfer to over 30 universities. For more information visit [gotoltc.edu/future-students/transfer](http://gotoltc.edu/future-students/transfer).

**ADMISSIONS AND FIRST SEMESTER ENROLLMENT STEPS**

- Submit online application.
- Complete background check and \$20 processing fee.
- Complete the online Student Success Questionnaire.
- Complete health requirements.
- Complete Technical Standards form.
- Schedule your 1st Time Program Counseling/Registration Session with your assigned advisor to discuss motor vehicle record, plan your first semester schedule, review your entire plan of study, and discuss the results of the Student Success Questionnaire.

*\*Submit transcripts and test scores (optional, highly recommended): College transcripts, along with high school transcripts and test scores from within the last five years, used for course registration. Official transcripts needed for transferring college credit(s) and for financial aid purposes.*

**FUTURE SEMESTER ENROLLMENT STEPS**

- Complete online Student Success Tutorial prior to registering for second semester.

**APPROXIMATE COSTS**

- \$143.45 per credit tuition (WI resident) plus \$8.61 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit [gotoltc.edu/financial-aid/tuition-and-fees](http://gotoltc.edu/financial-aid/tuition-and-fees) for details.

**FINANCIAL AID**

This program is eligible for financial aid. Visit [gotoltc.edu/Financial-Aid](http://gotoltc.edu/Financial-Aid) or talk with your Admissions Advisor about how to apply for aid.

**SPECIAL NOTE**

The Lakeshore Technical College Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). 25400 US Highway 19 N., Suite 158, Clearwater, FL 33756. Phone: 727-210-2350. Web: [www.caahep.org](http://www.caahep.org).

Lakeshore Technical College's EMT-Paramedic program prepares students to obtain the required licensure to be employed/practice in the state of Wisconsin. The College does not guarantee its curriculum matches the requirements for preparation, examination, or licensure for other states.

**RELATED PROGRAMS**

- Paramedic Technician Associate Degree
- Fire Medic

**CONTACT**

LTC Admissions Advisor  
 920.693.1162 • [Admissions@gotoltc.edu](mailto:Admissions@gotoltc.edu)

Catalog No.	Class Title	Credit(s)
<b>Prerequisite Courses</b>		
30531307	EMT Part 1 Lecture	1
30531309	EMT Part 1 Lab	1
10531105	EMT Part 2 Lecture	3
10531106	EMT Part 2 Lab	1
		<b>6</b>
<b>Spring</b>		
10531911	EMS Fundamentals	2
10531912	Paramedic Medical Principles	4
10531913	Advanced Patient Assessment Principles	3
10531914	Advanced Prehospital Pharmacology	3
10531915	Paramedic Respiratory Management	2
10531916	Paramedic Cardiology 1	1
10531926	Paramedic Essentials 1	1
10531930	Paramedic Clinical 1	1
		<b>17</b>
<b>Summer</b>		
10531918	Advanced Emergency Resuscitation	1
10531920	Paramedic Trauma	3
10531922	EMS Operations	1
10531927	Paramedic Essentials 2	1
10531928	Paramedic Clinical 2	2
10531932	Paramedic Cardiology 2	3
		<b>11</b>
<b>Fall</b>		
10531919	Paramedic Medical Emergencies	4
10531921	Special Patient Populations	3
10531923	Paramedic Capstone	1
10531929	Paramedic Field Clinical	2
10531931	Paramedic Internship	1
10531933	Paramedic Essentials 3	1
		<b>12</b>
		<b>TOTAL 40</b>

To contact CoAEMSP:  
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 Rowlett, TX 75088  
 214-703-8445 Fax 214-703-8992  
[www.coaemsp.org](http://www.coaemsp.org)

*Curriculum and program acceptance requirements are subject to change. Program start dates vary; check with your program counselor for details. The tuition and fees are approximate based on 2022-2023 rates and are subject to change prior to the start of the academic year.*

**ADVANCED EMERGENCY RESUSCITATION**...provides ACLS and PALS knowledge and skills preparing the student in the integration of comprehensive knowledge of causes and pathophysiology into the management of shock, respiratory failure, respiratory arrest, cardiac arrest, and peri-arrest with intervention to prevent respiratory and/or cardiac arrest if possible. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531916 Paramedic Cardiology

**ADVANCED PATIENT ASSESSMENT PRINCIPLES**...provides knowledge of scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531912 Paramedic Medical Principles

**ADVANCED PREHOSPITAL PHARMACOLOGY**...provides student with comprehensive knowledge of pharmacology required to formulate and administer a pharmacological treatment plan intended to mitigate emergencies and improve the health of the patient. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531913 Advanced Patient Assessment Principles

**EMERGENCY MEDICAL TECHNICIAN PART 1 LAB**...is the skills lab portion of the EMT Part I course content. Students will practice and be evaluated on the various EMT skills that apply to their EMT Part I lecture topics. Upon successful completion of EMT Part I lecture and lab classes, candidates will be eligible to participate in the National Registry exams for WI EMR certification. Students that are already certified as WI EMRs may be eligible for Credit for Prior Learning in lieu of taking this course. CONDITION: 305313 EMT or 315311 EMT-Paramedic program requirements met

**EMERGENCY MEDICAL TECHNICIAN PART 1 LECTURE**...is designed for future EMTs & Emergency Medical Responders includes: basic human anatomy, performing a patient assessment, traumatic injury management, airway management, and basic cardiac resuscitation. Upon successful completion of EMT Part I lecture & lab classes, candidates will be eligible to participate in the National Registry exams for Wisconsin EMR certification. Students that are certified as WI EMRs may be eligible for Credit Learning in lieu of taking this course. CONDITION: 305313 EMT or 315311 EMT-Paramedic program requirements met

**EMERGENCY MEDICAL TECHNICIAN PART 2 LAB**...is the skills lab portion of the EMT Part 2 course content. Students will practice and be evaluated on the various EMT skills that apply to their EMT Part 2 lecture topics. Upon successful completion of EMT Part 2 Lecture and Lab classes, candidates will be eligible to participate in the National Registry of EMTs Emergency Medical Technician exams for Wisconsin EMT licensure. PREREQUISITE: 30531301 EMT Part 1 or COREQUISITE: 30531309 EMT Part 1 Lab or WI EMR Certification and CONDITION: 305313 EMT or 315311 EMT-Paramedic program requirements met

**EMERGENCY MEDICAL TECHNICIAN PART 2 LECTURE**...advances on the foundational concepts of Part 1 to include pharmacology, pathophysiology, operating an ambulance, and medication administration. Students will also complete a clinical rotation in a hospital Emergency Department. Upon successful completion of EMT Part 2 Lecture and Lab classes, candidates will be eligible to participate in the National Registry of EMTs Emergency Medical Technician exams for Wisconsin EMT licensure. PREREQUISITE: 30531301 EMT Part 1 or 30531307 EMT Part 1 Lecture or WI EMR Certification and CONDITION: 305313 EMT or 315311 EMT-Paramedic program requirements met

**EMS FUNDAMENTALS**...provides comprehensive knowledge of EMS systems, safety, well-being, legal issues and ethical issues with intended outcome of improving EMS personnel, patients and the community. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and PREREQUISITES: 30531307, 30531309, 10531105, 10531106 EMT Lecture/Lab Parts 1 and 2 or EMT WI License

**EMS OPERATIONS**...provides the knowledge of operational roles and responsibilities to ensure patient, public and EMS personnel safety. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531918 Advanced Emergency Resuscitation

**MEDICAL EMERGENCIES**...provides student the skills to integrate assessment findings with principles of anatomy, physiology, epidemiology, & pathophysiology to formulate a field impression and implement a treatment plan for an acutely injured patient. CONDITION: 105311 Paramedic Tech or 315311 EMT Paramedic or 105312 Fire Medic prog reqs met and COREQUISITE: 10531918 Adv Emergency Resuscitation

**PARAMEDIC CAPSTONE**...provides the final opportunity to incorporate knowledge and skills through labs and scenario-based practice and evaluations prior to taking the NREMT written and practical exams. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531922 EMS Operations

**PARAMEDIC CARDIOLOGY 1**...provides the principles of cardiovascular anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and a plan for a patient with a cardiovascular complaint. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531915 Paramedic Respiratory Management

**PARAMEDIC CARDIOLOGY 2**...continues the paramedic's knowledge of cardiology. Incorporates basic and advanced electrocardiogram rhythm interpretation as well as introduces students to Advanced Cardiovascular Life Support (ACLS).

**PARAMEDIC CLINICAL 1**...allows paramedics their first experiences providing advanced level skills and assessments on patients in a healthcare setting. Students will be assigned to an area hospital to begin their clinical training and meeting their assigned clinical competencies. Activities may include rotations within hospital emergency depts, operating rooms, intensive care units, and/or rotations with lab or respiratory staff. COREQUISITE: 10531911 EMS Funds and CONDITION: 105311 Paramedic Tech or 105312 Fire Medic or 315311 EMT Paramedic prog admission reqs met

**PARAMEDIC CLINICAL 2**...provides student with opportunity to enhance their learning through the skills practice in a health care environment experience with actual patients under the supervision of approved preceptors or high-fidelity human patient simulator. CONDITION: 105311 Paramedic Tech or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531930 Paramedic Clin 1

**PARAMEDIC ESSENTIALS 1**...reinforces student learning through practice of paramedicine in a controlled supervised environment utilizing hands on skills performed on simulated live patients and high-fidelity manikins and anatomy models. The student will apply assessment and skill knowledge while demonstrating paramedic level skills in a variety of scenarios and environments.

**PARAMEDIC ESSENTIALS 2**...reinforces student learning through practice of paramedicine in a controlled supervised environment utilizing hands on skills performed on simulated live patients and high-fidelity manikins and anatomy models. The student will evaluate patient presentations in short scenarios, formulate and reassess treatment plans while performing skills need to carry out patient treatments. Students will participate in learning and demonstrate first responder health and wellbeing during this section. CONDITION: 105311 Paramedic Technician or 105312 Fire Medic or 315311 EMT Paramedic program admission requirements met

**PARAMEDIC ESSENTIALS 3**...provides a continued growth in patient assessment, treatment plans and skills working toward the mastery of paramedic level patient care. The focus of this sections will include complete patient care, team management, responder health and wellbeing, and daily operations. Students will demonstrate mastery of knowledge and skills in classroom activities and extended scenarios.

**PARAMEDIC FIELD CLINICAL**...provides student with the opportunity to enhance their learning through the practice in the prehospital environment with actual patients under the supervision of approved preceptors. Students will be assigned to an area Paramedic ambulance service provider to incorporate their previously acquired capabilities into prehospital patient care. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic Program Requirements Met and COREQUISITE: 10531918 Advanced Emergency Resuscitation

**PARAMEDIC INTERNSHIP**...demonstrates to paramedic students their team leadership capabilities while assessing, formulating treatments plans, and delegating tasks to their EMS team members. Students will be assigned to an area paramedic ambulance service to complete requirements during this capstone field internship.

**PARAMEDIC MEDICAL PRINCIPLES**...provides the knowledge of anatomy, physiology and pathophysiology of major human systems while also introducing the students to shock, immunology and bleeding. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531911 EMS Fundamentals

**PARAMEDIC RESPIRATORY MANAGEMENT**...provides specific knowledge pertaining to the respiratory system and to ensure the student is prepared to formulate a field impression and implement a comprehensive treatment plan for a respiratory complaint. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531914 Advanced Prehospital Pharmacology

**PARAMEDIC TRAUMA**...provides the student the skills to integrate assessment findings with principles of anatomy, physiology, epidemiology and pathophysiology to formulate a field impression and implement a treatment plan for an acutely injured patient. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met

**SPECIAL PATIENT POPULATIONS**...provides the student the skills to integrate assessment findings with principles of anatomy, physiology, epidemiology and pathophysiology to formulate a field impression and implement a treatment plan for patient with special needs. CONDITION: 105311 Paramedic Technician or 315311 EMT Paramedic or 105312 Fire Medic program requirements met and COREQUISITE: 10531920 Paramedic Trauma