

Emergency Medical Technician-Paramedic

Technical Diploma

Overview

The EMT-Paramedic program is identical to the first year of the Associate Degree Paramedic Technician program.

Students learn advanced prehospital skills in the classroom, skills laboratory, hospital and prehospital clinical settings.

The EMT-Paramedic is an 1150-hour program. Based upon the U.S. Department of Transportation Administration/Wisconsin Bureau Local Health Support and EMS curriculum, the EMT-Paramedic curriculum, prepares the student with the knowledge and skills to work competently as an entry level EMT-Paramedic. The program consists of classroom

lectures, practical skills lab, laboratory simulations and hospital and pre-hospital clinical experiences. The program offers additional certifications in Advanced Cardiac Life Support, Pre-Hospital Trauma Life Support, Pediatric Advanced Life Support and Neonatal Resuscitation.

Students who successfully complete the program are eligible to take the National Registry examination of EMT's Paramedic written and practical examinations.

The EMT-Paramedic program is offered at the Wisconsin Rapids campus.



Program Outcomes

Employers will expect you, as an EMT-Paramedic graduate, to be able to:

- Demonstrate knowledge and skills necessary to fulfill the role of an entry-level EMT-Paramedic
- Demonstrate the ability to comprehend, apply and evaluate clinical information as it relates to an entry-level EMT-Paramedic

Career Options

Ambulance Services
 Dispatch Centers
 First Responder Units
 Hospitals/Emergency Departments
 Industry Safety Departments
 Rescue Squads
 Urgent Care Facilities

Potential for Advancement

Ambulance Service Manager
 EMT-Instructor
 EMT-Shift Supervisor
 Service Training Coordinator

Potential advancement generally requires further education.

Admissions Procedures

To apply to the EMT-Paramedic program, please submit the following materials to MSTC Student Affairs Admissions Office:

1. WTCS application form and \$30 non-refundable application fee
2. Completed Accuplacer test. (Other test scores may be acceptable alternatives.) Entrance exam requirements for the EMT-Paramedic program are:

Reading-Accuplacer score of 89 or equivalent

Language-Accuplacer score of 103 or equivalent

Math-Accuplacer score of 79 or equivalent

If a student does not meet the required scores in these academic areas, they may remediate and retest or complete an identified structured remediation course(s) in the Academic Support Center.

The following table shows comparable scores acceptable for EMT-Paramedic program admission.

Test	Math	Reading	Writing
Asset	44	44	44
Compass	60	85	78
Accuplacer	79	89	103
ACT	18	19	18
TABE	12.9	12.9	12.9
SAT	890 Composite Score		

3. High School Transcript or HSED/GED test scores. To be eligible for financial aid, EMT-Paramedic applicants are required to submit their high school transcript or HSED test scores.
4. Must be at least 18 years of age
5. Completed Background Information Disclosure (BID) Form

6. Wisconsin's Caregiver Law (1997 WISCONSIN ACT 27) requires all students have a Caregiver Background Check (non-refundable \$10.00 fee). Based upon results of the criminal background check, a student may be denied access to clinical agencies and thus would not be able to complete the program or be employed in health care. Also, clinical agencies will be notified of all students with pending charges and convictions and agencies can decline student admission to that agency. For the most current information on the Caregiver Law, visit www.dhfs.state.wi.us
7. Out of State Criminal Background Check, if necessary
8. Military Discharge Form (DD214) required if ever discharged from the military
9. Proof of current State of Wisconsin EMT Licensure or National Registry of EMTs certification. Students are required to hold a current State of Wisconsin EMT license prior to beginning clinical experiences.
10. Proof of current American Heart Association CPR certification

Mid-State Technical College
Admissions
500 32nd Street North
Wisconsin Rapids, WI 54494
mstc.edu
888.575.MSTC

Credit for Prior Learning

Credit for Prior Learning is available for certain courses in the form of high school advanced standing, transfer credit, test credit, military experience and experiential credit. Please contact an MSTC counselor with any questions you may regarding this option.

The admissions requirements are the same for the EMT-Paramedic program and the Associate Degree Paramedic Technician program to support progression from one program into the next.

Functional Abilities

A list of specific physical, emotional and mental tasks needed to function as an Emergency Medical Technician is available in the Student Affairs Offices or at mstc.edu. It is your responsibility to notify the ADA Counselor in Student Affairs to receive assistance.

Clinical Related Requirements

Successful completion of this program requires a clinical experience. Prior to beginning a clinical experience in a healthcare agency or ambulance service, students must:

- a) Provide evidence of good health by completion of required health work within three months prior to starting their clinical experience
- b) Hold a current State of Wisconsin EMT license
- c) Hold a current Department of Health & Family Services Division of Public Health EMT-Paramedic Training permit
- d) Provide evidence of current CPR (American Heart Associate Healthcare provider) status
- e) Purchase liability insurance through MSTC
- f) Obtain the required uniform for clinical experiences
- g) Assume responsibility for clinical assignment(s) regardless of time and location, including transportation and other personal arrangements

The college will make two attempts to place a student in an appropriate clinical experience.

EMT-Paramedic Program Progression

In order to maintain a passing status and progress in the program, all Paramedic students must:

- Receive a "C-" or better in all elective, transfer and general education courses
- Receive an 80% or better in all Paramedic program courses
- Maintain a program GPA of 2.0 or higher

Students will receive three attempts to pass the EMT-Paramedic program. If a passing grade is not achieved in three attempts, the student will be permanently withdrawn from the program. A withdrawal grade of "W" counts as one attempt for the course.

Curriculum

First Semester	(4 Credits)
10531168 EMT-Basic	4
Second Semester	(21 Credits)
10531151 Paramedic Fundamentals	5
10531152 Paramedic Pharmacology	4
10531155 Respiratory Management	2
10531156 Cardiology I	3
10531157 Clinical 1	4
10531159 Medical Emergencies	3
Third Semester	(15 Credits)
10531158 Cardiology II	3
10531164 Trauma	3
10531165 Emergency Care for Specialists	3
10531166 EMS Operations	3
10531167 Clinical 2	3
Total Credits	40

Emergency Medical Technician-Paramedic (Continued)

Program Course Descriptions

10531151

Paramedic Fundamentals 5 credits

This course provides the students with the basic knowledge of the EMS System, Roles and Responsibilities, Well-Being of the Paramedic, Illness and Injury Prevention, Medical-Legal Aspects, Ethics, General Principles, Pathophysiology, Therapeutic Communications, History Taking, Physical Exam Techniques, Patient Assessment, Clinical Decision Making, Verbal Communication and Documentation. The student will gain and understanding of the basic principles of shock management. Prerequisite: Admission to EMT-Paramedic Technician Program 105311

10531152

Paramedic Pharmacology 4 credits

This course provides the opportunity for the student to develop the knowledge of basic pharmacodynamics. The student will gain the knowledge and skills required to safely and precisely access the venous circulation, and to select, prepare and administer appropriate medications used in the treatment of disorders of the major body systems. Prerequisite: Paramedic Fundamentals 10531151

10531155

Respiratory Management 2 credits

This course provides the student with the knowledge and skills to establish and/or maintain a patent airway, oxygenate and ventilate a patient. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152

10531156

Cardiology I 3 credits

This course will provide the student with the basic knowledge and skills to integrate pathophysiological principles and assessment findings, with ECG interpretation, in order to formulate a field impression and implement a treatment plan for a patient with cardiovascular disease. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155

10531157

Clinical 1 4 credits

The student is required to complete 288 hours of documented practical skills application and observation at the beginning EMT-paramedic level. The student will perform required skill competencies at a variety of clinical and field internship sites under the direct supervision of an approved preceptor. Prerequisite: Admission to EMT-Paramedic Technician Program 10531. Corequisites: Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155; Cardiology I 10531156

10531158

Cardiology II 3 credits

This course provides the student with the knowledge and skills to integrate a field impression and implement a treatment plan for a patient with Acute Coronary Syndromes (ACS) and includes Advanced Cardiac Life Support Certification. The student will gain an understanding of basic 12 lead ECG interpretation as it applies to the treatment for a patient with ACS. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 or EMT-Paramedic Program 315311 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155; Cardiology I 10531156

10531159

Medical Emergencies 3 credits

This course will provide the student with the knowledge and skills to integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for patient's experiencing Neurology, Endocrine, Allergic or Anaphylactic Emergencies, Gastroenterology, Renal/Urology, Toxicology, Hematology, Environmental Emergencies, Infectious and Communicable Diseases and Behavioral and Psychiatric Disorders. Prerequisites: Admission to EMT-Paramedic Technician Program 10531 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155; Cardiology I 10531156; Cardiology II 10531158

10531164

Trauma 3 credits

This course will provide the student with the knowledge and skills to integrate the principles of kinematics to enhance the patient assessment and predict the likelihood of injuries based on the patient's mechanism of injury. This course includes; Soft Tissue Trauma, Burns, Head and Facial Trauma, Spinal Trauma, Abdominal Trauma, Thoracic Trauma and Mechanism of Injury Trauma Systems. This course includes-Prehospital Trauma Life Support (PHTLS) Certification. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 or EMT-Paramedic Program 31531 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 110531152; Respiratory Management 10531155; Cardiology I 10531156; Cardiology II 10531158 and Medical Emergencies 10531159

10531165

Emergency Care for Specialists 3 credits

This course will provide the student with the knowledge and skills to formulate a field impression and implement a treatment management plan for the patient experiencing a gynecology, obstetric, neonatal, pediatric or geriatric emergency. This course also covers the victim of abuse or assault, patients with special

challenges, acute interventions in the home care patient and life span development. This course includes Pediatric Advanced Life Support (PALS) and Neonatal (NALS) Certification. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 or EMT-Paramedic Program 315311 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155; Cardiology I 10531156; Cardiology II 10531158; Medical Emergencies 10531159 and Trauma 10531164

10531166

EMS Operations 3 credits

This course includes Ambulance Operations, Medical Incident Command, Rescue Awareness, Weapons of Mass Destruction, Assessment Based Management and NREMT-P prep. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 or EMT-Paramedic Program 31531 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155; Cardiology I 10531156; Cardiology II 10531158; Medical Emergencies 10531159; Trauma 10531164; and Emergency Care for Specialists 10531165

10531167

Clinical 2 3 credits

The student is required to complete 216 hours of documented practical skills application and observation at the beginning EMT-paramedic level. The student will perform required skill competencies at a variety of clinical and field internship sites under the direct supervision of an approved preceptor. Prerequisites: Admission to EMT-Paramedic Technician Program 105311 or EMT-Paramedic Program 315311 and Paramedic Fundamentals 10531151; Paramedic Pharmacology 10531152; Respiratory Management 10531155; Cardiology I 10531156 Corequisites: Cardiology II 10531158; Medical Emergencies 10531159; Trauma 10531164; Emergency Care for Specialists 10531165; EMS Operations 10531166 and Clinical I 10531157

10531168

EMT Basic 4 credits

This course provides the student with the fundamentals of Emergency Medical Services. Based upon the State of Wisconsin/U.S. Department of Transportation/National Highway Transportation Safety Administration curriculum, this 144 hour course includes, classroom instruction-lectures, discussion, demonstrations, skill practice and an additional patient care experience which requires a minimum of five patient care contacts. The American Heart Association Healthcare Provider Certification is taken during this initial course. Prerequisite: Admission to Paramedic Technician Program 105311, EMT-Basic Program 305313