



# FIREFIGHTER TECHNICIAN

## Technical Diploma Program Code: 31-503-1 Total Credits: 27

The Firefighter Technician program teaches the entry-level fire behavior and techniques needed to control structural and related fire emergencies as well as life safety practices. Graduates have the option to continue in the Fire Protection Technician associate degree program.

You will gain knowledge and skills in the areas of fire suppression, rescue, truck and pump operation, and performance of fire inspections. You will also be exposed to realistic simulations—inside and outside the classroom—and train on Mid-State's state-of-the-art burn tower, fire engines, and other high-tech equipment. Developed in partnership with local fire departments, this program ensures you have a competitive edge when starting your career.

**Estimated tuition and fees:** [mstc.edu/programcosts](http://mstc.edu/programcosts)

### ACADEMIC ADVISOR

To schedule an appointment with an academic advisor, call 715.422.5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit [mstc.edu/advising](http://mstc.edu/advising).

### CHECKLIST:

This section will be completed when meeting with your academic advisor.

- FAFSA ([www.fafsa.gov](http://www.fafsa.gov))
- Financial Aid Form(s)  
Form(s): \_\_\_\_\_
- Follow-Up Appointment:  
Where: \_\_\_\_\_  
When: \_\_\_\_\_  
With: \_\_\_\_\_
- Official Transcripts  
Mid-State Technical College  
Student Services Assistant  
1001 Centerpoint Drive  
Stevens Point, WI 54481
- Other: \_\_\_\_\_  
\_\_\_\_\_

**mstc.edu**  
**888.575.6782**  
**TTY: 711**



**ADAMS CAMPUS**  
401 North Main  
Adams, WI 53910

**MARSHFIELD CAMPUS**  
2600 West 5th Street  
Marshfield, WI 54449

**STEVENS POINT CAMPUS**  
1001 Centerpoint Drive  
Stevens Point, WI 54481

**WISCONSIN RAPIDS CAMPUS**  
500 32nd Street North  
Wisconsin Rapids, WI 54494

# CAREER PATHWAY

## BEGIN AT ANY POINT IN THE PATHWAY

College Credit • Dual Credit  
Military Experience • Work Experience

Learn about Credit for Prior Learning at [mstc.edu/cpl](http://mstc.edu/cpl).



### CAREER OPTIONS

- Firefighter
- Firefighter/EMT



### CAREER OPTIONS

- Firefighter
- Firefighter/EMT

## OTHER OPTIONS

### RELATED PROGRAMS

- Advanced Emergency Medical Technician
- Corrections & Community Advocacy
- Criminal Justice-Law Enforcement 720 Academy
- Criminal Justice-Studies
- Emergency Medical Technician Management
- EMT-Paramedic
- Paramedic Technician

## BACHELOR'S DEGREE OPTIONS

American Public University System, Bellevue University, Colorado State University Global, Concordia University, Franklin University, Grand Canyon University (GCU), Lakeland University, Milwaukee School of Engineering (MSOE), Mount Mary University (MMU), University of Phoenix, UW-Green Bay, UW-Oshkosh, UW-Stevens Point, UW-Stevens Point at Marshfield, UW-Stout, UW-Whitewater, and Wisconsin Private-Nonprofit Universities/Colleges.

For more information and additional opportunities, visit [mstc.edu/transfer](http://mstc.edu/transfer).

## PROGRAM OUTCOMES

Employers will expect you, as a Firefighter Technician graduate, to be able to:

- Demonstrate professional conduct.
- Perform fire prevention activities.
- Apply incident management and mitigation skills to emergency incidents.
- Meet professional fire and EMS credentialing standards.
- Communicate clearly and effectively.
- Apply critical thinking skills to both emergency and non-emergency situations.

## TECHNICAL SKILLS ATTAINMENT

The Wisconsin Technical College System (WTCS) has implemented a requirement that all technical colleges measure program outcomes attained by students. This requirement is called Technical Skills Attainment (TSA). The main objective of TSA is to ensure graduates have the technical skills needed by employers. Students are notified of TSA reporting in their final few courses of the program.

## TECHNICAL STANDARDS

A list of specific physical, emotional, and mental tasks needed to function as a fire protection technician is available at [www.mstc.edu/programs/firefighter-technician](http://www.mstc.edu/programs/firefighter-technician). Contact the Disability Services coordinator in the Student Services & Information Center to receive assistance.

## STUDENT HANDBOOK

Visit [mstc.edu/studenthandbook](http://mstc.edu/studenthandbook) to view Mid-State's student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State's Student Code of Conduct, and technology.

## GRADUATION REQUIREMENT

The GPS for Student Success course is required for all Mid-State program students and is recommended to be completed before obtaining 12 credits. (Not counted in the total credit value for this program.) Some students are exempt from this requirement. Please see your program advisor for more information.

### GPS for Student Success

#### **10890102 ..... 1 credit**

Integrate necessary skills for student success by developing an academic plan, identifying interpersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course must be completed prior to obtaining 12 credits and is a graduation requirement.

## ADDITIONAL COURSES AS NEEDED

The following courses may be recommended or required if the student does not achieve minimum Accuplacer scores.

### Intro to College Reading

#### **10838104 .....2 credits**

Provides learners with the opportunities to develop and expand reading skills, including comprehension and vocabulary skills. Learners apply reading skills to academic tasks and read to acquire information from a variety of sources.

### Intro to College Writing

#### **10831103 .....3 credits**

Introduces basic principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents. The purpose of this course is to prepare students for successful entry into required program courses. This course is tuition bearing and under certain circumstances may qualify for financial aid. This course cannot be used to satisfy program completion requirements at Mid-State.

*Prerequisite: Accuplacer Sentence Skills score of 60 or equivalent. Proficiency in word processing skills recommended.*

### Pre-Algebra

#### **10834109 .....3 credits**

Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.

*Prerequisite: Accuplacer Math score of 65, Accuplacer Algebra score of 30, ABE Math Prep V 76854785 and ABE Math Prep VI 76854786 with a grade of "S." (Note: ABE Math Prep V and VI courses cannot be used to satisfy program completion requirements at Mid-State.)*

## SAMPLE FULL-TIME CURRICULUM OPTION

<b>Term</b>		<b>14 credits</b>
10503142	Firefighting Principles ☑	4
10503151	Fire Prevention	4
10503191	Principles of Emergency Services	2
10503153	Hazardous Materials Awareness & Operations ☑	1
10531940	EMT Foundations	3
<b>Term</b>		<b>13 credits</b>
10503108	Firefighter Health and Fitness	2
10503111	Driver/Operator - Pumper ☑	3
10503112	Advanced Firefighting Practices	3
10503192	Principles of Emergency Services Safety and Survival	3
10531941	EMT Applications	2
		<b>Total credits 27</b>

☑ This course has options available to receive credit for prior learning (CPL) or work experience. Visit the website at [mstc.edu/cpl](http://mstc.edu/cpl) or contact your advisor for details.

### Please Note:

- This curriculum sequence is only for student planning. Actual student schedules will vary depending on course availability.
- Program completion time may vary based on student scheduling and course availability. For details, go to [mstc.edu/schedule](http://mstc.edu/schedule).

## SAMPLE PART-TIME CURRICULUM OPTION

<b>Term</b>		<b>8 credits</b>
10503142	Firefighting Principles ☑	4
10503153	Hazardous Materials Awareness & Operations ☑	1
10531940	EMT Foundations	3
<b>Term</b>		<b>5 credits</b>
10503112	Advanced Firefighting Practices	3
10531941	EMT Applications	2
<b>Term</b>		<b>6 credits</b>
10503151	Fire Prevention	4
10503191	Principles of Emergency Services	2
<b>Term</b>		<b>8 credits</b>
10503108	Firefighter Health and Fitness	2
10503111	Driver/Operator - Pumper ☑	3
10503192	Principles of Emergency Services Safety and Survival	3
		<b>Total credits 27</b>

# COURSE DESCRIPTIONS

## Advanced Firefighting Practices

**10503112 .....3 credits**

Explores advanced firefighting skills, focusing on communications, investigations, and other advanced firefighting techniques. Fulfills the job performance requirements for Wisconsin Firefighter 2 certification eligibility.  
*Prerequisite: Fire Fighting Principles 10503142*

## Driver/Operator - Pumper ☑

**10503111 .....3 credits**

Provides instruction and opportunity to understand and put into practice basic defensive driving techniques. This course meets the requirements of NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications, Driver/Operator - Pumper Job Performance Requirements (JPRs).  
*Prerequisite: Firefighting Principles 10503142*

## EMT Applications

**10531941.....2 credits**

Course covers the bulk of the Emergency Medical Technician certification course to include the handling of cervical and spine injuries, burn injuries, heart- and breathing-related problems, shock, and other trauma injuries. Includes several lab days to practice and perfect skills, clinical time, and extensive hands-on activities. Prepares students for national certification testing for EMT. To maintain National Registry certification eligibility this course must be finished the semester following the completion of EMT Foundations.  
*Prerequisite: EMT Foundations 10531940*

## EMT Foundations

**10531940 .....3 credits**

Covers the basics of the Emergency Medical Technician certification course to include CPR, airways, anatomy, hazmat response requirements, lifting and moving patients, incident command, and other technical information. It is the first part of a two-course system to prepare students for national certification testing for EMT.  
*Prerequisite: Admission to Emergency Medical Technician 305313 program*

## Fire Prevention

**10503151 ..... 4 credits**

Provides fundamental knowledge relating to the field of fire prevention. Topics include history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use and application of codes and standards, plans review, fire inspections, fire and life safety education, and fire investigation.

## Firefighter Health and Fitness

**10503108 .....2 credits**

Prepares the learner for the physical requirements that are necessary for success as a firefighter. Focuses on preparation for the Firefighter Candidate Physical Ability Test (CPAT). Learners will also explore the concepts of wellness in areas such as diet, stress management, and perspective.

## Firefighting Principles ☑

**10503142..... 4 credits**

Describes basic fire behavior, techniques used to control structural and related fire emergencies, and life safety practices. Students perform all practical evolutions necessary to control and extinguish fires and otherwise meet all requirements for Firefighter I certification in the State of Wisconsin.

*Prerequisite: Admission to Fire Protection Technician program 105032*

## Hazardous Materials Awareness & Operations ☑

**10503153..... 1 credit**

Examines characteristics relating to hazardous materials, including problems of recognition and mitigation. Prepares students to advance toward the Hazardous Materials Technician Level.

*Corequisite: Fire Fighting Principles 10503142*

## Principles of Emergency Services

**10503191 .....2 credits**

Introduces the student to the organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. Emphasizes fire and emergency service, ethics, and leadership from the perspective of the company officer.

*Prerequisite: Admission to Fire Protection Technician program 105032*

## Principles of Emergency Services Safety and Survival

**10503192.....3 credits**

Introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

*Prerequisite: Admission to Fire Protection Technician program 105032*