

# FIRE PROTECTION TECHNICIAN

## Overview

Fire Protection Technician Associate of Applied Science Degree

Program Code: 10-503-2

For more information: [wctc.edu/fire-protection-technician/](https://wctc.edu/fire-protection-technician/) (<https://www.wctc.edu/academics/programs-courses/programs/fire-protection-technician/>)

Firefighters protect life, property and the environment through fire suppression, hazardous materials mitigation and emergency medical services. They also improve their communities through fire prevention activities. Learn from experienced firefighters and practice skills using state-of-the-art training facilities and equipment. Being a member of a fire department is highly recommended, but it is not an admissions requirement.

The minimum required course grades and program grade point average (GPA) for students under this catalog are:

Core Courses = C

General Studies Courses = C-

Program GPA = 2.0

**Build your degree along a career pathway.** Start with a couple of courses or an entry-level credential to enter the job market in your area of interest, then continue with higher credentials on your educational path for job advancement and higher wages.

## Career Pathway

1. Emergency Medical Technician 5
2. Fire Protection Technician 60

*This WCTC 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, examinations, or licensure for other states.*

## Learning Outcomes

## Program Outcomes

1. Demonstrate professional conduct by displaying personal code of ethics, positive work ethics, flexibility, teamwork skills, physical fitness, safe procedures and sensitivity to diverse cultures and individuals.
2. Perform fire prevention activities including preplanning, public education, inspection and investigation.
3. Apply incident management and mitigation skills to emergency incidents.
4. Meet professional fire and EMS credentialing standards.
5. Communicate clearly and effectively both verbally and through written documentation with clients, coworkers, other agencies and supervisors.
6. Apply critical thinking skills to both emergency and non-emergency situations.

## Critical Life Skills

To help our students prepare for success in a workplace and society that is **increasingly global, multi-cultural, and collaborative**, all students are given opportunities to develop and demonstrate Critical Life Skills, both in and out of the classroom. The following Critical Life Skills are learning outcomes for WCTC students.

- **Communication:** Demonstrate appropriate communication.
- **Critical Thinking/Problem Solving:** Demonstrate critical thinking skills to analyze situations and solve problems.
- **Relationships:** Demonstrate effective interpersonal skills.
- **Self-management:** Demonstrate responsible and respectful behavior.

## Required Courses

Listed below are the required courses for the program. To view the recommended sequence for taking courses click on the plan of study tab(s) above. Work with your Academic Advisor to design a program plan!

View your **Program Matrix** to find out when each course will be offered (term and time of day).

Code	Title	Credits
<b>Core Courses</b>		
503-105	Emer Serv Employmnt Strategies	2
Approved Substitute: 503-103 AND 503-131		
503-116	Driver/Operator Principles	3
Approved Substitute: 503-743 AND 503-131		
503-119	Emergency Responder Wellness	1
503-142	Fire Fighting Principles	4
Approved Substitute: 503-720 AND 503-130		
503-143	Building Construction for Fire Protection	3
503-151	Fire Prevention	4
503-153	HazMat Awareness & Ops	1
503-154	Chemistry Hazardous Materials	2
Approved Substitute: 503-152		
503-158	Fire Tech & Communications	3
503-159	Fire Fighting Principles II	2
Approved Substitute: 503-730 AND 503-130		
503-191	Principles of Emergency Services	2
503-192	Principles of Emerg Svcs Safety & Survival	3
503-193	Fire Protection Systems	3
Approved Substitute: 503-147		
503-195	Fire Behavior and Combustion	3
531-301	Emergency Medical Technician	5
Approved Substitutes: 531-102 OR (531-301H and 531-301I)		
<b>General Studies</b>		
801-136	English Composition 1	3
Approved Substitute: 801-223		
801-196	Oral/Interpersonal Comm	3
Approved Substitute: 801-198		
804-107	College Mathematics	3
Approved Substitutes: 804-115 OR 804-116 OR 804-118 OR 804-195 OR 804-198 OR (804-304 AND 804-305)		
806-177	Gen Anatomy & Physiology	4

809-197	Contemporary Amer Society	3
Approved Substitute: 809-196		
809-199	Psychology of Human Relations	3
Approved Substitute: 809-198		
<b>Total Credits</b>		<b>60</b>

801-196	Oral/Interpersonal Comm	3
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>60</b>

## Full-time Plan

### First Year

Fall Term 1		Credits
503-142	Fire Fighting Principles <small>This course will run 16 weeks.</small>	4
503-153	HazMat Awareness & Ops	1
801-136	English Composition 1	3
<b>Credits</b>		<b>8</b>

### Fall Term 2

503-191	Principles of Emergency Services	2
503-105	Emer Serv Employmnt Strategies	2
<b>Credits</b>		<b>4</b>

### Winter Interim

503-119	Emergency Responder Wellness	1
<b>Credits</b>		<b>1</b>

### Spring Term 1

531-301	Emergency Medical Technician	5
804-107	College Mathematics	3
<b>Credits</b>		<b>8</b>

### Spring Term 2

503-143	Building Construction for Fire Protection	3
<b>Credits</b>		<b>3</b>

### Second Year

#### Summer Term

809-199	Psychology of Human Relations	3
503-193	Fire Protection Systems	3
<b>Credits</b>		<b>6</b>

#### Fall Term 1

503-192	Principles of Emerg Svcs Safety & Survival	3
809-197	Contemporary Amer Society	3
<b>Credits</b>		<b>6</b>

#### Fall Term 2

503-151	Fire Prevention	4
503-159	Fire Fighting Principles II	2
<b>Credits</b>		<b>6</b>

#### Spring Term 1

503-154	Chemistry Hazardous Materials	2
503-195	Fire Behavior and Combustion	3
<b>Credits</b>		<b>5</b>

#### Spring Term 2

503-158	Fire Tech & Communications	3
806-177	Gen Anatomy & Physiology	4
<b>Credits</b>		<b>7</b>

### Third Year

#### Summer Term

503-116	Driver/Operator Principles	3
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