

# FIRE MEDIC

## Overview

Fire Medic Associate of Applied Science Degree

Program Code: 10-531-2

For more information: [wctc.edu/fire-medical/](http://www.wctc.edu/fire-medical/) (<http://www.wctc.edu/fire-medical/>)

Fire medics cross-train in the areas of emergency medical services and fire protection/suppression. They respond to all types of emergencies, such as house fires, traffic accidents and rescue situations. Develop skills in emergency medical response at the paramedic technician level; learn about fire behavior, firefighter safety and survival; and develop critical thinking skills for effective emergency response.

A State of Wisconsin EMT-Basic, or higher, license is required for participation in this program. Students must also have obtained their Wisconsin State Firefighter I Certification to enroll in the Fire Medic program.

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

## Career Pathway

1. Emergency Medical Technician 5
2. Paramedic Technician 38
3. Fire Medic 66

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. Prepare for incident response and emergency operations.
2. Integrate pathophysiological principles and assessment findings for a variety of patient encounters.
3. Demonstrate paramedic skills associated with established standards and procedures for a variety of patient encounters.
4. Meet state and national competencies for paramedic certification(s).
5. Perform essential firefighting skills to reduce loss of life and property.
6. Communicate effectively with others.
7. Demonstrate professional behavior.

## 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>Fire Core Courses</b>		
503-143	Building Construction for Fire Protection	3
503-192	Principles of Emergency Services Safety & Survival	3
503-195	Fire Behavior and Combustion	3
<b>Paramedic Core Courses</b>		
531-911	EMS Fundamentals	2
531-912	Paramedic Medical Principles	4
531-913	Patient Assessment Principles	3
531-914	Prehospital Pharmacology	3
531-915	Paramedic Respiratory Mgmt.	2
531-918	Advanced Resuscitation	1
531-919	Paramedic Medical Emergencies	4
531-920	Paramedic Trauma	3
531-921	Special Patient Populations	3
531-922	EMS Operations	1
531-923	Paramedic Capstone	1
531-925	Paramedic Clinical 1	2
Approved Substitute: 531-917		
531-926	Cardiology I	2
Approved Substitute: 531-916		
531-927	Cardiology 2	2
Approved Substitute: 531-916		
531-928	Paramedic Clinical/Field 2	4
Approved Substitute: 531-917 and 531-924A)		
531-929	Capstone Field Internship	1
<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 OR 809-188

**Total Credits 66**

Students may register as a non-degree student to take general studies courses or fire related courses in the fall or spring. Registration for Paramedic core courses requires a petition process; only fully admitted students can petition. Call 262.691.5541 for more information.

## Full-time Plan

### First Year

#### Fall Term 1 Credits

503-192	Principles of Emergency Services Safety & Survival	3
---------	--	---

801-136	English Composition 1	3
---------	-----------------------	---

<b>Credits</b>	<b>6</b>
----------------	----------

#### Fall Term 2

804-107	College Mathematics	3
---------	---------------------	---

809-197	Contemporary Amer Society	3
---------	---------------------------	---

<b>Credits</b>	<b>6</b>
----------------	----------

#### Spring Term 1

503-195	Fire Behavior and Combustion	3
---------	------------------------------	---

801-196	Oral/Interpersonal Comm	3
---------	-------------------------	---

<b>Credits</b>	<b>6</b>
----------------	----------

#### Spring Term 2

503-143	Building Construction for Fire Protection	3
---------	---	---

809-199	Psychology of Human Relations	3
---------	-------------------------------	---

<b>Credits</b>	<b>6</b>
----------------	----------

### Second Year

#### Summer Term

806-177	Gen Anatomy & Physiology	4
---------	--------------------------	---

<b>Credits</b>	<b>4</b>
----------------	----------

#### Fall Term 1

531-911	EMS Fundamentals	2
---------	------------------	---

531-912	Paramedic Medical Principles	4
---------	------------------------------	---

531-913	Patient Assessment Principles	3
---------	-------------------------------	---

<b>Credits</b>	<b>9</b>
----------------	----------

#### Fall Term 2

531-914	Prehospital Pharmacology	3
---------	--------------------------	---

531-915	Paramedic Respiratory Mgmt.	2
---------	-----------------------------	---

531-925	Paramedic Clinical 1	2
---------	----------------------	---

<b>Credits</b>	<b>7</b>
----------------	----------

#### Winter Interim

531-926	Cardiology I	2
---------	--------------	---

<b>Credits</b>	<b>2</b>
----------------	----------

#### Spring Term 1

531-919	Paramedic Medical Emergencies	4
---------	-------------------------------	---

531-927	Cardiology 2	2
---------	--------------	---

531-928	Paramedic Clinical/Field 2	4
---------	----------------------------	---

<b>Credits</b>	<b>10</b>
----------------	-----------

#### Spring Term 2

531-920	Paramedic Trauma	3
---------	------------------	---

531-921	Special Patient Populations	3
---------	-----------------------------	---

531-922	EMS Operations	1
---------	----------------	---

<b>Credits</b>	<b>7</b>
----------------	----------

### Third Year

#### Summer Interim

531-918	Advanced Resuscitation	1
---------	------------------------	---

531-929	Capstone Field Internship	1
---------	---------------------------	---

<b>Credits</b>	<b>2</b>
----------------	----------

#### Summer Term

531-923	Paramedic Capstone	1
---------	--------------------	---

<b>Credits</b>	<b>1</b>
----------------	----------

<b>Total Credits</b>	<b>66</b>
----------------------	-----------