



## FIRE PROTECTION TECHNOLOGY

- College Certificate
- Associate of Applied Science

### About The Program

The Fire Protection Technology Program addresses the constant change and growing complexities of modern living and the environment. There is a demand for college-trained people in the field of Fire Protection Technology. Opportunities for graduates exist with municipal fire departments, insurance and government agencies, and in the field of industrial safety. This program of study is designed to meet the needs of personnel currently employed in fire service positions and those desiring preparation for employment. Classes should be taken in the sequence listed.

### Career Potential

- Firefighter
- Fire Protection Technician
- Fire Protection Systems Installer
- Industrial Safety Technician
- Property Risk Management Specialist

With additional education and/or work experience, graduates may find employment as:

- Fire Protection Consultant
- Fire Protection Equipment Sales Manager
- Industrial Safety Manager
- Municipal Safety Manager
- Property Loss/Risk Management Supervisor
- Fire Investigator
- Fire Marshal
- Fire Inspector
- Fire Officer

### Admission Requirements

Students are admitted to the program each year for the Fall, Spring and Summer semesters. Students must have the Director's approval, a completed application, and other required information submitted by the due date. If there are openings after the application deadline, they will be filled on a "first-come" basis by qualified applicants.

Students are required to complete the following:

- Fulfill all WCCCD admission requirements.
- Possess a high school diploma or GED and/or successfully complete prerequisite courses with a grade of "C" or better.
- Declare intent to enter the Fire Protection Technology program on the WCCCD admission application.
- Must be 18 years of age or older.
- Fulfill course placement requirements based on COMPASS test.
- Complete 12 credits or more of college courses with a grade of "C" or better. Full or partial equivalent may include high school health occupation program or other trade school courses. EMT 105, Medical First Responder is a prerequisite.
- Fire Fighters I and II certification.
- Michigan EMS Licensure or equivalent.
- Access to the Internet.
- Ability to access a Fire Department. (does not require employment or membership, only the ability to contact for information, if necessary).

## College Certificate Requirements

### CAREER COURSES

(ANY 31 CREDITS FROM THE FOLLOWING COURSES)

EMT 245	EMS Management	3
FPT 210	Fire Service Management I	6
FPT 220	Fire Service Management II	6
FPT 231	Fire Service Management III	4
FPT 241	Fire Service Management IV	3
FPT 250	Fire Service Management V	3
FPT 255	Fire Inspections Principles and Practice	3
FPT 260	Industrial and Commercial Fire Protection	3
FPT 265	Search and Rescue Operations I	4
FPT 270	Search and Rescue Operations II	4
FPT 275	Hazardous Materials in Fire Service Operations	3
FPT 280	Current Concepts in Fire Services	3
FPT 285	Fire Officer Internship	3

### CERTIFICATE

### TOTAL CREDITS

31

\* Certificate totals may not include prerequisite work.

## Associate of Applied Science Degree Requirements

### PREREQUISITE COURSES

FPT 110	Fire Fighter I	8
FPT 115	Fire Fighter I: Lab	4
FPT 120	Fire Fighter II	5
FPT 125	Fire Fighter II: Lab	3

### GENERAL EDUCATION COURSES

BUS 225	Computer Application in Business	3
ENG 119	English I	3
ENG 120	English II	3
	American Government Requirement	3
SOC 103	Social Problems	3
PSY 260	Social Psychology	3

### OCCUPATIONAL SUPPORT (REQUIRED)

### NON-SPECIALTY OPTION

BIO 155	Introductory Biology	4
CHM 105	Introductory Chemistry	4
MAT 110	Business Mathematics	3

OR

### SPECIALTY OPTION

CHM 136	General Chemistry I	4
CHM 145	General Chemistry II	4
MAT 110	Business Mathematics	3

Continued on next page.



**WCCCD Central  
Administration Building**

801 West Fort Street  
Detroit, MI 48226

General Information Number  
(313) 496-2600

Career Program Hotline  
1-800-300-2118

Information Website:  
[www.wcccd.edu](http://www.wcccd.edu)

E-mail:  
[info@wcccd.edu](mailto:info@wcccd.edu)

**Associated of Applied  
Science Degree  
Requirements (continued)**

**OCCUPATIONAL SPECIFIC  
(31 CREDITS FROM ANY COURSE  
LISTED BELOW)**

FPT 210	Fire Service Management I (Fire Officer I)	6
FPT 220	Fire Service Management II (Fire Officer II)	6
FPT 230	Fire Service Management III (Fire Officer III)	4
FPT 240	Fire Service Management IV	3
FPT 250	Fire Service Management V	3
FPT 255	Fire Inspections Principles & Practice	3
EMT 245	EMS Management	3
FPT 260	Industrial and Commercial Fire Protection	3
FPT 265	Search and Rescue Operations I	4
FPT 270	Search and Rescue Operations II	4
FPT 275	Hazardous Materials in Fire Service Operations	3
FPT 280	Current Concepts in Fire Services	3
FPT 285	Fire Officer Internship	3

**PROGRAM TOTAL CREDITS 60**

\* Program totals may not include  
prerequisite work.

*It is the policy of WCCCD that no person, on the basis of race, color, religion, national origin, age, sex, height, weight, marital status, disability, or political affiliation or belief, shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in employment or in any program or activity for which it is responsible or for which it receives financial assistance from the U.S. Department of Education.*

*This document is for informational use only and does not constitute a contract. WCCCD reserves the right to add or delete, without notice, any course offering or information contained in this document. 2/19/07*