



Effective 2013/2014

Career Cluster ►



Career Pathway ►

Emergency & Fire Management Services

FIRE PROTECTION TECHNICIAN

(10-503-2)

Associate of Applied Science Degree
Most Courses Offered at Racine Campus
and HERO Center

△ Suggested Sequence	✓ Course Number	Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
Semester 1	503-143	* Building Construction		3	3-0
	503-142	* Fire Fighting Principles		4	2-4
	503-127	* Fire Service/Changing Technologies		2	1-2
	503-139	* Principles of Emergency Service		3	3-0
	801-136	English Composition 1	Prereq: 831-103 (See Note 1)	3	3-0
	804-107	College Mathematics	Prereq: 834-109 (See Note 1)	3	3-0
Semester 2	503-147	* Fire Protection Systems		4	4-0
	503-151	* Fire Prevention		4	4-0
	531-109	* Emergency Medical Technician	Prereq: Department Consent (See Note 4)	5	0-10
	801-197	Technical Reporting	Prereq: 801-136	3	3-0
	806-134	General Chemistry	Prereq: 804-107	4	3-2
Semester 3	503-110	* Fire Safety Communication		3	3-0
	503-117	* Health and Wellness for Firefighters		3	3-0
	503-152	* Hazardous Materials	Prereq: 503-142	4	3-2
	503-155	* Fire Protection Hydraulics	Prereq: 503-142	4	3-2
	809-196	Sociology, Introduction to	Prereq: 838-105 (See Note 1)	3	3-0
Semester 4	503-156	* Strategies, Tactics & Incident Mgmt.	Prereq: 503-139; 503-142; 503-143	4	4-0
	503-157	* Fire Investigation	Prereq: 503-142; 503-143	3	3-0
	809-195	Economics	Prereq: 838-105 (See Note 1)	3	3-0
	809-198	Psychology, Introduction to	Prereq: 838-105 (See Note 1)	3	3-0
Electives	Take 2 elective credits. Any associate degree level course may be taken as an elective.			2	
	Suggested Electives: 196-164A Time Management (1 Cr) 196-164B Stress Management (1 Cr) 503-120 Fire Science Student Internship (2 Cr)				
Program Total Required				70	

△ Courses may be taken out of suggested sequence as long as requisites have been met.



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PROGRAM DESCRIPTION

Fire Protection Technician graduates learn to provide fire protection services, whether in an industrial, insurance, or public capacity, using the latest scientific and managerial concepts for effective preparedness and response. Fire protection, safety, and administration are emphasized. Instruction includes arson and fire investigation, fire protection systems, fire prevention, fire codes, hazardous materials, fire ground tactics and strategies, and industrial hazards. The program may be completed in two years of study if taken full-time.

PROGRAM LEARNING OUTCOMES

Graduates of the Fire Protection Technician Associate Degree Program should be able to:

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 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.

CORE ABILITIES

Gateway believes students need both technical knowledge and skills and core abilities in order to succeed in a career and in life. The following nine core abilities are the general attitudes and skills promoted and assessed by all Gateway programs. All Gateway graduates should be able to:

- | | |
|--|---|
| 1. Act responsibly | 6. Respect themselves and others as a member of a diverse community |
| 2. Communicate clearly and effectively | 7. Think critically and creatively |
| 3. Demonstrate essential computer skills | 8. Work cooperatively |
| 4. Demonstrate essential math skills | 9. Value learning |
| 5. Develop job seeking skills | |

ADMISSION REQUIREMENTS

1. Students must submit an application & \$30 fee.
2. Students must complete reading, writing, math, and computer skills placement assessments.
3. Students must submit official high school, GED, or HSED transcript including a graduation or passing date.

GRADUATION REQUIREMENTS

1. 70 Credits with an average of 2.0 or above.
2. *Average of 2.0 ("C") or above for these major courses.

For a complete list of Graduation Requirements check the Student Handbook.

NOTES

1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
2. Eye protection may be required in some courses. If prescription safety glasses are required, allow a minimum of 90 days.
3. Any course may be taken prior to entry in the program, assuming prerequisites and corequisites have been satisfied (or waived with department approval).
4. Students requiring this course should enroll in 531-326 and upon completion will receive advanced standing for this requirement.

OTHER INFORMATION

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult the Master Class Schedule for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.

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You may call Student Services at 1-800-247-7122 for additional information.
For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at www.gtc.edu.

My advisor is _____. My advisor's contact information is _____.