



Discover

Schoolcraft College

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Fire Technology

Brains, brawn, and a heck of a lot of courage. Those are the key qualities that make a successful fire fighter. Do you fit that description? Schoolcraft College can help you find out.

We offer three options to work your way into this field. The first, a one-year certificate program, was developed in cooperation with the Michigan Fire Fighters Training Council. It includes all the courses you need to sit for state certification as an entry-level fire fighter. Plus, it can be approached from a part-time or full-time basis, depending on your needs.

Schoolcraft also offers Emergency Medical Technology. See our catalog or website for details.

The second option, an associate degree program, combines the fire suppression and medical training from the certificate program with specialized fire fighting electives and comprehensive courses in such areas as communications, computing, human relations, and quality systems. And it's geared for the part-time student.

The third option, an associate degree program with fire academy, contains the same courses as the previous associate degree but is focused on the full-time student.

Part-time or full-time, one year or two, we believe we can help you achieve.

FREQUENTLY ASKED QUESTIONS

What Do FIRE FIGHTERS Do?

Today's fire fighter assumes a wide range of responsibilities, from rescuing victims, putting out fires, and salvaging the contents of buildings to providing medical services at the scene of a traffic accident or medical emergency.

What Characteristics Do I Need To Work In This Field?

You must be courageous, physically fit, and have a strong sense of public service. Initiative, good judgment, and decisiveness are also extremely important. Finally, the ability to live and work closely with others is critical; it's not uncommon for fire fighters to work around-the-clock shifts together.

Where Could I Find a Job?

Most municipalities maintain their own fire departments. You may also be able to find a job at a state or federal installation, including airports.

What Is My Employment Outlook?

Employment opportunities for fire fighters are expected to grow slower than the average for all occupations through the year 2020.

Related Websites

- International Association of Fire Fighters: www.iaff.org
- National Association of Emergency Medical Technicians: www.naemt.org
- U.S. Fire Administration: www.usfa.fema.gov

For More Information

Visit www.schoolcraft.edu where you can view course and program information, schedule a campus tour, apply for admission, register for courses, and request more information. Contact the Admissions and Enrollment Center at 734-462-4426 with additional questions.

employment

JOB TITLES & MEDIAN SALARIES OR HOURLY RATES

Fire Fighter
\$53,560 (Michigan)

discover FIRE TECHNOLOGY

Program Requirements 2012-2013 CATALOG

FIRE TECHNOLOGY ASSOCIATE DEGREE

Schoolcraft program code # AAS.00177

Recognizing the need for more highly skilled fire fighters, many municipalities now require additional education for their employees. The curriculum developed for the Associate in Applied Science Degree Program combines lecture with hands-on activities to prepare the student to respond to a variety of emergencies. Specialists in the field provide valuable input on both content and methodology.

The Fire Technology Associate Degree Program is designed for students who wish to attend part time. All courses are not offered each semester. Students should work with the Counseling Center to set up a schedule that will work for them. Students who successfully complete all College Requirements qualify for an Associate in Applied Science Degree with emphasis on Fire Technology.

Contact the Fire Technology Office at 734-462-4745 for additional information.

SAMPLE SCHEDULE OF COURSES

FIRST YEAR	Fall Semester	
FIRE 112	Fire Fighter 1—Basic Fire Suppression	10
ENG 100	Communication Skills	3
MATH 101	Business Mathematics	3
		16

Winter Semester

FIRE 119	Fire Fighter 2—Advanced Fire Suppression	10
BIOL 101	General Biology	4
PE 202	Lifestyle Fitness—Wellness	2
		16

Spring/Summer Session

FIRE 125	Building Construction for the Fire Service	3
HUM 106	Introduction to Art and Music	1
		4

SECOND YEAR Fall Semester

ENG 116	Technical Writing	3
EMT 115	Emergency Medical Technology—Basic	10
FIRE 130	Fire Fighting—Tactics and Strategy	3
		16

Winter Semester

FIRE 128	Fire Fighting—Hydraulics and Water Supply	4
PSYCH 153	Human Relations	3
FIRE 200	Fire and Arson Investigation	4
Elective*	Select from the list below	3
		14

PROGRAM TOTAL 66 CREDITS

Students planning to transfer should check the transfer institution's requirements/guides or discuss their options with a counselor or advisor. Number of credits may vary depending on the course selection.

* ELECTIVES

FIRE 135	Fire Protection Systems	3
FIRE 205	Fire Department Organization and Administration	3
FIRE 207	Fire Company Officer	3
BIOL 236	Human Anatomy and Physiology	5

FIRE TECHNOLOGY ASSOCIATE DEGREE WITH ACADEMY

Schoolcraft program code # AAS.00177

The Fire Technology Associate Degree with Academy is designed for students who wish to attend full time.

All courses are not offered each semester. Students should work with the Counseling Center to set up a schedule that will work for them. Students who successfully complete all College Requirements qualify for an Associate in Applied Science Degree with emphasis on Fire Technology.

Contact the Fire Technology Office at 734-462-4745 for additional information.

SAMPLE SCHEDULE OF COURSES

FIRST YEAR	Fall Semester	
FIRE 124	Fire Academy	20

Winter Semester

ENG 100	Communication Skills	3
MATH 101	Business Mathematics	3
FIRE 200	Fire and Arson Investigation	4
BIOL 101	General Biology	4
		14

Spring/Summer Session

FIRE 125	Building Construction for the Fire Service	3
HUM 106	Introduction to Art and Music	1
		4

SECOND YEAR Fall Semester

ENG 116	Technical Writing	3
EMT 115	Emergency Medical Technology—Basic	10
FIRE 130	Fire Fighting Tactics and Strategy	3
		16

Winter Semester

FIRE 128	Fire Fighting—Hydraulics and Water Supply	4
PSYCH 153	Human Relations	3
PE 202	Lifestyle Fitness—Wellness	2
Elective*	Select from the list below	3
		12

PROGRAM 66 CREDITS

Students planning to transfer should check the transfer institution's requirements/guides or discuss their options with a counselor or advisor. Number of credits may vary depending on the course selection.

* ELECTIVES

FIRE 135	Fire Protection Systems	3
FIRE 205	Fire Department Organization and Administration	3
FIRE 207	Fire Company Officer	3
BIOL 236	Human Anatomy and Physiology	5

The Fire Technology Fire Fighter 1, 2 and Fire Academy programs are certified by the Michigan Office of Fire Fighter Training. For more information regarding certification, call 616-447-2689; www.michigan.gov

FIRE FIGHTER TECHNOLOGY CERTIFICATE

Schoolcraft program code # 1YC.00149

The Fire Fighter Technology program provides career training for fire protection technicians. The program is offered in cooperation with the Michigan Fire Fighters Training Council and focuses on meeting the needs of fire service personnel. It is designed for students who are currently employed by Michigan Fire Marshal/recognized fire departments, currently seeking employment, and/or volunteer in recognized fire districts. All courses meet the state-mandated requirements for preparing students to take the state exam for certification as entry-level fire fighters.

Fire Fighter 1, 2, and/or Academy courses require students to attain an average of 70 percent or better on test scores and to score at least 70 percent on their final exam to receive a passing grade of 2.0. The Emergency Medical Technology - Basic course requires an average of 80 percent on tests and an 80 percent on the final for a grade of 2.7. Students achieving an 80 percent or higher in Emergency Medical Technology-Basic course will receive a certificate of completion and be eligible to test for State licensure. Practical skills in both areas must be passed at stated proficiency levels to successfully complete each course and be recommended for the state certification exams.

All courses are not offered each semester. Students should work with the Counseling Center to set up a schedule that will work for them. Students who successfully complete the Program Courses qualify for a Certificate of Program completion with emphasis on Fire Technology.

Contact the Fire Technology Office at 734-462-4745 for additional information.

SAMPLE SCHEDULE OF COURSES

FIRST YEAR		Fall Semester
FIRE 112	Fire Fighter 1—Basic Fire Suppression	10
		Winter Semester
FIRE 119	Fire Fighter 2—Advanced Fire Suppression	10
		Spring Session
EMT 115	Emergency Medical Technology—Basic	10
		PROGRAM TOTAL 30 CREDITS

(ALTERNATE) FIRST YEAR		Fall Semester
FIRE 124	Fire Academy	20
		Winter Semester
EMT 115	Emergency Medical Technology—Basic	10

Go to www.schoolcraft.edu/academicprograms to see the Gainful Employment Disclosure which includes additional information about this program, such as program costs, student graduation rates, and the median debt of students who complete the program.



Virtually any program at Schoolcraft College can be a transfer program if you plan to continue at a four-year institution to earn a bachelor's degree in your major. Visit www.schoolcraft.edu/transfer for information about transfer options. To ensure that the Schoolcraft courses you select are the specific ones required by the four-year college of your choice, be sure to consult regularly with your counselor/advisor.

