

PRIDE. CHALLENGE. ACHIEVEMENT.

CREDENTIAL YEAR 2017-18

FIRE TECHNOLOGY

Credentials

Fire Fighter Technology certificate	30 cr.
Fire Technology AAS degree	66 cr.
Fire Technology with Academy AAS degree	66 cr.

Major Description

Today's fire fighter has a wide range of responsibilities, from fighting fires and rescuing victims, to salvaging building contents and providing medical services at the scene of a traffic accident or other emergency. Schoolcraft offers three educational options to help students become part of this field. Our certificate program provides career training for fire protection technicians. It is designed for students who are currently employed by fire departments recognized by the Michigan Fire Marshal and volunteer in recognized fire districts or are currently seeking employment. The program works in cooperation with the Michigan Fire Fighters Training Council and can prepare you to take the state exam for certification as an entry-level fire fighter.

The fire technology associate in applied science degree is geared towards students wishing to attend part-time and combines lectures and hands-on activities that prepare them to respond in a variety of emergencies. Our fire technology with academy degree program contains the same courses, but is designed for students who want to attend Schoolcraft full-time.

All programs enable students to participate in courses that utilize Schoolcraft's state-of-the-art Public Safety Training Complex. It includes a four-story burn tower that simulates a variety of firefighting and rescue situations, including high-angle approaches.

Credits may also transfer toward a bachelor's degree at a four-year college or university.

National Median Salaries for Fire Technology-related positions: (source USBLS)

Fire Fighter: \$45,250

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 an academic advisor or counselor to develop a schedule that will work for them. Students who satisfactorily complete the program requirements qualify for a certificate of program completion.

Contact the Fire Technology office at 734-462-4305 for additional information.

First Year—Fall Semester

FIRE 112	Fire Fighter 1—Basic Fire Suppression	10
	Total Credits	10

First Year—Winter Semester

FIRE 119	Fire Fighter 2—Advanced Fire Suppression	10
	Total Credits	10

First Year—Spring Session

EMT 115	Emergency Medical Technology—Basic	10
	Total Credits	10

ALTERNATE

First Year—Fall Semester

FIRE 124	Fire Academy	20
	Total Credits	20

First Year—Winter Semester

EMT 115	Emergency Medical Technology—Basic	10
	Total Credits	10

PROGRAM TOTAL 30 CREDITS

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 please contact: Bureau of Fire Services/OFFT PO Box 30700, Lansing, MI 48909 • 616-447-2689 | www.michigan.gov



It is the policy of Schoolcraft College that no person shall, on the basis of race, religion, color, gender, age, marital status, disability, sexual orientation, and/or national origin, be subjected to discrimination during or be excluded from participating in or be denied the benefits of any program or activity or in employment.



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Fire Technology AAS 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 an academic advisor or counselor to develop a schedule that will work for them. Students who satisfactorily complete all college and program requirements qualify for an associate in applied science degree.

Contact the Fire Technology office at 734-462-4305 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
	Total Credits	16

First Year—Winter Semester

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

First Year—Spring/Summer Session

FIRE 125	Building Construction for the Fire Service	3
HUM 106	Introduction to Art and Music	1
	Total Credits	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
	Total Credits	16

Second Year—Winter Semester

FIRE 128	Fire Fighting—Hydraulics and Water Supply	4
PSYCH 153	Human Relations	3
FIRE 200	Fire and Arson Investigation	4
	Elective	<i>Select from list</i>
	Total Credits	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 AAS 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 an academic advisor or counselor to develop a schedule that will work for them.

Students who satisfactorily complete all college and program requirements qualify for an associate in applied science degree.

Contact the Fire Technology office at 734-462-4305 for additional information.

SAMPLE SCHEDULE OF COURSES

First Year—Fall Semester

FIRE 124	Fire Academy	20
	Total Credits	20

First Year—Winter Semester

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

First Year—Spring/Summer Session

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

Fire Technology AAS Degree with Academy *(continued)*

Second Year—Fall Semester

Second Year—Winter Semester

ENG 116	Technical Writing	3	FIRE 128	Fire Fighting—Hydraulics and Water Supply	4
EMT 115	Emergency Medical Technology—Basic	10	PSYCH 153	Human Relations	3
FIRE 130	Fire Fighting—Tactics and Strategy	3	PE 202	Lifestyle Fitness—Wellness	2
	Total Credits	16	Elective	<i>Select from list</i>	3
				Total Credits	12

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