

Fire Science Technology AAS Degree Sample Schedule

The degree can be completed in four semesters.
All non-FST courses are offered all semesters.

Courses

Credits

First Semester

A student has two options for his/her first semester depending on his/her knowledge of the fire science industry and level of critical thinking skills needed to succeed as a fire fighter. **Option No.1** is for students who need more knowledge of the fire science industry before starting the Fire Academy. **Option No. 2** is for students who have knowledge of fire science industry, good critical thinking skills, and are ready for the challenges of the Fire Academy.

Option No. 1

FST 102 Principles of Emergency Services	3
FST 103 Firefighter Occupational Health and Safety	3
FST 105 Building Plans and Construction	3
General Ed Course (MAT 107 or higher/**see gen ed requirements)	3
General Ed Course (ENG 121 or higher/**see gen ed requirements)	3
	15

Option No. 2

FST 100 Firefighter I Academy	9
FST 170 Academy clinical	1
FST 107 Hazardous Materials Awareness Operations	3
General Ed Course (**see gen ed requirements)	3
	16

Second Semester

If student chose Option No. 1 the first semester, he/she would do Option No. 2 for second semester and vice versa.

Third Semester

FST 104 Fire Protection Systems	3
FST 106 Fire Prevention	3
FST 110 Job Placement and Assessment	3
FST 151 Driver Operator (MAT 107 recommended prereq)	3
General Ed Course (**Philosophy course recommended)	3
	15

Fourth Semester

FST 201 Instructional Methodology	3
FST 202 Firefighting Strategy and Tactics I	3
FST 204 Fire Codes and Ordinances	3
FST 205 Fire Cause Determination	3
FST 206 Fire Company Supervision and Leadership	3

15

****General Education Requirements**

Communication- 3 credits

ENG 121 or higher

or

COM 125

or

COM 115

Mathematics-3 credits

MAT 107 or higher (MAT 121 recommended if transferring to 4-yr. school)

6 credits from any two of the following three areas:

Arts/ Humanities: ART, FRE, GER, HUM, ITA, JPN, LIT, MUS, PHI, RUS, SPA, THE

Science: AST, BIO, CHE, ENV, GEY, PHY, SCI

Social Sciences: ANT, ECO, GEO, HIS, POS, PSY, SOC

3 credits of electives from any of the above subject areas or CIS 118

EMT-Basic

Students are encouraged to take the EMT-Basic (EMS 125 and 170) to increase their chances of employment. This would be an added 10 credits to a student's course of study but would not count toward the Fire Science Technology AAS degree. It is recommended that students not take the EMT-Basic their first semester.