

**Fire Science Technology
AAS Degree
Preferred Course Sequence**

Semester I	Semester II	Semester III	Semester IV
³ Emergency Medical Technician-Basic EMT 101 6	Firefighter I&II FST 106 6	Fire Hydraulics FST 109 3	Legal/Contemporary Issues of Fire & Emergency Services FST 275 3
Building Construction FST 102 3	Fire Prevention FST 107 3	Fire Service Instructor I FST 215 3	² Capstone Assessment FST 280 2
Hazardous Materials FST 120 3	Fire Protection Systems FST 117 3	Strategy & Tactics FST 111 3	Occupational Seminar TEC 285 1
Math Elective (A)* 3	Introduction to Origin and Cause FST 230 3	Fire Department Officer FST 210 3	Intro to Psychology PSY 110 3
Composition I ENG 101 3	English/Communications Elective (C)* 3	Science Elective (B)* 4	¹ American Gov't and Politics PLS 101 3
18	18	16	Co-op Ed/Intern FST 290 1-3
			12-14

**AAS Degree
61-63 Hours**

Note: *(A), (B), and (C) please see back for additional course information.

¹ May substitute both HST 120 & HST 130 for PLS 101 to satisfy Missouri law to include instruction in Federal and State Constitutions.

² Students must earn a grade "C" or better in this course to meet FST graduation requirements.

³ Selective admission is required for this course.

This block diagram is provided to aid in advising students and tracking course completion.

OTC reserves the right to modify course titles, sequences and content in accordance with college procedures.

Not all courses are offered every semester. Check with the departmental chair for additional information.

FST

A: OTC COURSES THAT SATISFY THE MATH ELECTIVE REQUIREMENT:

MTH 105 Business Math (or any higher numbered math course)

B: OTC COURSES THAT SATISFY THE SCIENCE ELECTIVE REQUIREMENT:

BIO 100 Life Science

BIO 105 Environmental Science

BCS 120 Human Anatomy and Physiology

BCS 140 Human Anatomy

Any other 4-hour BIO, CHM or PHY course numbered 100 or above will fulfill this requirement; however the others have a prerequisite.

C: OTC COURSES THAT SATISFY THE ENGLISH/COMMUNICATION REQUIREMENT:

COM 100 Intro to Communication

COM 105 Public Speaking

Any other ENG or COM course numbered 100 or above will fulfill this requirement; however the others may have a prerequisite.