

Fire Science (AAS)

Degree Type: Associate of Applied Science Degree

Division: Health & Human Services

Purpose: Career and Technical Education. The Fire Science program focuses on providing learning opportunities that introduce, develop and reinforce academic and occupational knowledge, skills and attitudes required for job acquisition, retention and advancement. This degree option prepares students for entry-level employment and a foundation for future advancement in the fire fighting, fire inspection, fire instructor and fire investigation fields.

FIRST YEAR

Fall Semester			Hours	✓
FIRE	115	Firefighter I and II ⁽²⁾	10	
FIRE	118	Hazardous Materials Awareness & Operations ⁽²⁾	3	
FIRE	125	Incident Command Systems	2	
HPER	151	Foundations of Fitness	1	
TOTAL HOURS			16	

Spring Semester			Hours	✓
EMDS	105	Emergency Medical Services I	8	
HPER	152	Fitness Center I	1	
FIRE	135	Fire Prevention	3	
FIRE	217	Building Construction for Fire Fighters	3	
IST	100	Computer Literacy	3	
TOTAL HOURS			18	

SECOND YEAR

Fall Semester			Hours	✓
CIVL MATH	106 ⁽¹⁾ 153 ⁽¹⁾	Technical Math I –or– Intermediate Algebra (or higher level Math course)	3	
ENGL ENGL	105 ⁽¹⁾ 111 ⁽¹⁾	Technical Writing –or– College Writing	3	
FIRE	215	Tactics and Strategy	3	
FIRE	245	Fire Inspector ⁽²⁾	3	
FIRE	225	Hydraulics and Water	3	
TOTAL HOURS			18	

Spring Semester			Hours	✓
GOVT	121	National and State Government	3	
SCOM	110	Public Speaking	3	
FIRE	235	Fire Detection and Suppression	3	
FIRE	239	Search & Rescue (Land, Water and Structural Collapse)	3	
		Career Education Elective ⁽³⁾	3	
FIRE	255	Fire Officer I ⁽²⁾	3	
TOTAL HOURS			18	

⁽¹⁾Course has prerequisite or placement requirements.

⁽²⁾These courses require skills and written examinations by the Missouri Division of Fire Safety to obtain state certification. Students must meet all state requirements prior to taking certification tests. There is a \$200 course fee attached to FIRE 115.

⁽³⁾Students may take any BMGT, CRJU, EOSH, IST, or other course approved by program advisor.