

Fire Science Technology

Offered at MCC-Blue River

The MCC-Blue River Fire Science Technology program offers basic and advanced professional training for the fire service. Most metropolitan fire departments require FF I&II certification and EMT-B licensure prior to employment. The MCC-Blue River Fire Academy is approved by the Missouri Division of Fire Safety and provides education and training for FF I&II, as well as Haz-Mat Awareness and Operations, NREMT-B, and CPAT. Full-time day and part-time night classes are available. Successful graduates of the Academy will receive a Fire Science Certificate and be eligible to test for certification or licensure in the above mentioned areas. Students completing additional FSTE and General Education courses will receive an AAS: Fire Science Technology degree.

A.A.S. Fire Science Technology64-68 Credits
 Fire Science Certificate28 Credits

A.A.S. Fire Science Technology

201200 Revised 12/2018 (Fall 2019)

COLL 100	First Year Seminar	1		
General Education Requirements		Credits	Semester Taken	Prerequisites
ENGL 101	Composition and Reading I	3		ENGL 90 with a minimum grade of S or appropriate placement score
HIST 120	United States History to 1865 <i>or</i>	3		
HIST 121	United States History Since 1865 <i>or</i>			
POLS 135	Introduction to Political Science <i>or</i>			
POLS 136	Introduction to U.S. National Politics <i>or</i>			
POLS 137	Introduction to State and Local Politics			
MATH 115	Statistics or higher	3-5		MATH 85 or 95 with a grade of C or higher or appropriate placement.
PSYC 140	General Psychology	3		
COMM 100	Fundamentals of Speech <i>or</i>	3		ENGL 90 with a grade of S or appropriate placement test score
COMM 102	Fundamentals of Human Communication			
Electives course from MCC's Core 42 general education requirements.		3-5		
Minimum Total General Education Credit Hours		18		
Specific Program Requirements				
EMS 150	Emergency Medical Technician-Basic	8		Student must be 18 years old by the end of the course
FSTE 107	Fire Science Physical Fitness I	1		Enrollment in MCC Fire Academy
FSTE 108	Fire Science Physical Fitness II	1		FSTE 107
FSTE 109	Fire Science Physical Fitness III	1		FSTE 108
FSTE 169	Fire Prevention	3		Enrollment in MCC Fire Academy, successful completion of prior FSTE course with grade of C or higher, or instructor approval
FSTE 170	Haz-Mat Awareness and Operations	3		Enrollment in MCC Fire Academy or instructor approval.
FSTE 172	Firefighting Strategies and Tactics	3		Successful completion of prior FSTE course with grade of C or higher or instructor approval
FSTE 179	Principles of Emergency Services	4		Enrollment in MCC Fire Academy.
FSTE 192	Fire Protection Systems	3		Successful completion of prior FSTE course with grade of C or higher or instructor approval
FSTE 193	Legal Aspects of the Fire Service	3		Successful completion of prior FSTE course with grade of C or higher or instructor approval
FSTE 202	Principles of Fire and Emergency Service Administration	3		Successful completion of prior FSTE course with grade of C or higher or instructor approval
FSTE 204	Principles of Fire Emergency Safety and Survival	3		Enrollment in MCC Fire Academy.
FSTE 205	Fire Behavior and Combustion	3		Successful completion of prior FSTE course with grade of C or higher or instructor approval
FSTE 208	Occupational Safety and Health for Emergency Services	3		Successful completion of prior FSTE course with grade of C or higher or instructor approval
FSTE 209	Building Construction for Fire Protection	3		Enrollment in MCC Fire Academy, successful completion of prior FSTE course with grade of C or higher, or instructor approval
Total Credit Hours Required		64-68		