

Associate of Applied Science in Fire Science Technology

General Education Core Requirements

Course		Credit Hours
COM 115	Fundamentals of Public Speaking	3
ENG 110	Composition 1	3
MTH 103	Intermediate Algebra or higher (except MTH 197 and 297)	3
PED 100	Fitness for Living	2
PLS 101	American Democracy and Citizenship	3
PSY 121	Introduction to Psychology	3
IDS 110	Student Success	1
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Fire Science Core Requirements

CIS 101	Computers for Learning	3
FST 102	Hazardous Materials Awareness & Operations	3
FST 103	Medical First Responder	3
FST 104	Basic Fire Fighter Skills	3
FST 106	Fire Fighter I & II	6
FST 201	Fire Hydraulics and Systems	1
FST 203	Fire Cause Determination	3
FST 205	Managing Company Tactical Operation-Preparation	1
FST 206	Managing Company Tactical Operations - Decision Making	1
FST 207	Strategy and Tactics for initial Company Operations	1
FST 297	Administration & Organization (capstone course)	3
FST 210	Fire Service Instructor I	3
FST 212	Leadership Strategies for Personal Success	1
FST 213	Leadership Strategies for Company Success	1
FST 214	Leadership Strategies for Supervisory Success	1
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Fire Science Electives

Fire Science elective courses may be selected from the following courses. A minimum of 12 credit hours must be selected.

FST 250	Farm Machinery Rescue Technician	1
FST 251	School Bus Rescue Technician	1
FST 252	Auto Rescue Technician	1
FST 255	Pumping Apparatus Operator/Driver	3
FST 260	Fire Officer I	2
FST 262	Incident Safety Officer	1
FST 265	National Incident Management Systems	1
FST 266	Advanced Incident Management Systems	1
FST 270	Fire Service Instructor II	2
FST 272	Shaping the Future	1
FST 275	Introduction to Volunteer Service Management	1
Total Credit Hours		64

Students should confirm the transferability of individual courses to other institutions prior to enrollment.

Based on 2009-10 Catalog

What type of work would I do if I studied Fire Science Technology?

This degree will direct you toward a career in a variety of fire science positions, including firefighters, fire chief, deputy chief or assistant fire chief. In these positions, you would assume a variety of responsibilities, including fire emergencies response, hazardous material response, fire prevention, emergency medical service, search and rescue, and disaster management. As a fire chief, deputy chief or assistant fire chief, you would also have administrative, supervisory and leadership responsibilities.

What type of degree will I earn at Missouri-State University-West Plains?

Students enrolled in fire science technology may obtain a two-year Associate of Applied Science degree that will include both general education and fire science technology courses. Students will take a variety of fire science technology courses that will prepare them for state certification exams such as Hazardous Materials Awareness, Hazardous Materials Operations, Fire Fighter I and Fire Fighter II.

Why should I major in Fire Science Technology?

According to the Missouri Economic Research and Information Center, the firefighter career is one of the top 50 careers in the Missouri South Central Region with the most job openings between 2004-2014. Firefighting is a challenging and rewarding career, and prospective firefighters are expected to face considerable competition for available job openings. Candidates possessing an associate's degree specializing in fire science will have additional credentials that will help set them apart from other job applicants. (U.S. Department of Labor Bureau of Labor Statistics.)

What salary can I expect to earn?

Firefighters in Missouri earn an average salary of \$42,060, with firefighters in south-central Missouri earning an average annual wage of \$17,231. (Missouri Economic Research and Information Center Web site)

For More Information

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