



# Academic & Career **PATHWAYS**

## Associate **of** Applied Science (A.A.S.)

### Fire Science Technology – Advising Guide

The MCC-Blue River Public Safety Institute offers Fire Academy training that is approved by the Missouri Department of Public Safety’s Division of Fire Safety (DFS), which is accredited by the International Fire Service Accreditation Congress (IFSAC). Graduates of the MCC-Blue River Fire Academy earn a Certificate: Fire Science Technology and will be eligible for Fire Fighter I & II and Hazardous Materials Awareness/Operations certification testing through the DFS. Academy graduates will also be eligible for testing for EMT-B licensure through NREMT. Students obtaining these credentials will meet the minimum application requirements for most fire departments in Missouri, as well as for states offering reciprocity for IFSAC-accredited certificates.

**\*Students must be 18 years old by the end of the course and must hold a high school diploma or GED. This is a selective admissions program. Visit the program site for more information: <https://www.mcckc.edu/programs/fire-science-technology/>**

<b>Semester 1</b>		
Course	Credits	Action Steps
EMS 150 (Program Requirement)	8	<ul style="list-style-type: none"> <li>Meet with academic advisor to develop program map in starfish.</li> </ul>
^FSTE 109 (Program Requirement)	3	
^FSTE 169 (Program Requirement)	3	
^FSTE 170 (Program Requirement)	3	
^FSTE 179 (Program Requirement)	4	
^FSTE 204 (Program Requirement)	3	
^FSTE 209 (Program Requirement)	3	
<b>Total Credits</b>	<b>27</b>	
<b>Semester 2</b>		
^FSTE 192 (Program Requirement)	3	
^FSTE 193 (Program Requirement)	3	
^FSTE 208 (Program Requirement)	3	
^ENGL 101 (General Education Requirement)	3	
<b>Total Credits</b>	<b>12</b>	
<b>Semester 3</b>		
^FSTE 172 (Program Requirement)	3	<ul style="list-style-type: none"> <li>Meet with Career Services to develop a resume</li> </ul>
^FSTE 202 (Program Requirement)	3	
^FSTE 205 (Program Requirement)	3	
PSYC 140 (General Education Requirement)	3	
<b>Total Credits</b>	<b>12</b>	



# Academic & Career **PATHWAYS**

## Semester 4

HIST 120, HIST 121, or POLS 136 (General Education Requirement/Civics)	3	<ul style="list-style-type: none"> <li>• Complete civics exam with 70% or higher</li> <li>• Apply for graduation</li> <li>• Apply for jobs.</li> </ul>
Electives: Any elective from the State Transfer Library, Common Core (MOTR)	3 – 5*	
^MATH 115 or higher (General Education Requirement)	3	
^COMM 100 or ^COMM 102 (General Education Requirement)	3	
Total Credits	<b>12-14</b>	
<b>Credits Required</b>	<b>63*</b>	

*\*The A.A.S. degree requires a minimum of 63 credit hours for graduation. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation*

This Pathway Map is an advising tool designed for full-time students on this A.A.S. degree and identifies the course taking recommendation for timely degree completion. Degree requirements and prerequisite information can be found here: <https://www.mcckc.edu/programs/fire-science-technology/>

All students are encouraged to meet with their academic advisor to develop an individualized completion plan that best meets their goals, interests, and objectives.

^Course requires a prerequisite or appropriate placement, see catalog for additional information.