

FIRE SUPPRESSION, FIRE TECHNOLOGY, AAS

Program Code: Fire Suppression-AAS

Note: This degree/certificate leads to professional licensure in Nevada. Licensing requirements vary by state/territory and relocating could impact whether you will meet eligibility requirements for licensure. If you do not live in Nevada and/or do not intend to seek employment in Nevada, then your application for admittance will be under review to determine eligibility for licensure in your state prior to acceptance into the program. Please visit our Professional Licensure Programs (<https://www.tmcc.edu/vpaa/professional-licensure-programs/>) page for full details on the State Authorization Reciprocity Agreement.

Program Description

The Associate of Applied Science, Fire Technology, Fire Suppression is designed for individuals who wish to advance their careers in fire fighting or fire prevention. Students completing the Fire and Rescue Academy may apply their Fire Academy credits toward completion of this degree. For those interested in a career in fire prevention or fire suppression systems, we recommend this degree with elective courses in fire suppression. This degree is a pathway to the Bachelor of Applied Science, Emergency Management and Homeland Security for those interested in management and leadership.

Fire Science Technology Career Map (<https://sites.tmcc.edu/flipbook/career-maps/>)

Recommended Course Schedule

1st semester	Units
Communications	3
Mathematics	3
Human Relations	3
FT 101 Introduction to Fire Protection	(3)
or	
FT 102 Entry Level Firefighter	3
Elective	3
Semester Total	15
2nd semester	Units
English	3
US/NV Constitution	3
Science	3
FT 200 Leadership and Ethics in Emergency Service	3
Elective	3
Semester Total	15
3rd semester	Units
Diversity ¹	3
FA/Humanities/Soc Sci ¹	(3)
FT 122 Codes/Ordinances I	3
COM 113 Fundamentals of Speech Communications	3
or	
COM 101 Public Speaking	(3)
Elective	3

Elective	3
Semester Total	15
4th semester	Units
EMHS 200 ICS/NIMS/EOC	3
FT 125 Build Construction I	3
FT 131 Hazardous Materials	3
SOC 110 Conflict Resolution	3
Elective	3
Elective	3
Semester Total	18
Total Units	63

¹ See program recommendations and approved General Education list for the AAS/BAS Degree. (<https://catalog.tmcc.edu/degrees-certificates/general-education/aas/>)

Program Requirements

AAS degrees are generally non-transfer degrees designed for students to enter the workforce.

To earn an AAS degree, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 units within the college.
3. Satisfy General Education requirements for the AAS (<https://catalog.tmcc.edu/degrees-certificates/general-education/aas/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
General Education Requirements		
<i>English</i>		3
<i>Communications</i>		3
<i>Human Relations</i>		3
Recommended:		
MGT 201	Principles of Management	
or MGT 212	Leadership and Human Relations	
<i>Mathematics:</i>		3
<i>Science</i>		3
Recommended:		
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	
<i>Fine Arts/Humanities/Social Science</i> ¹		3
Recommended:		
SOC/ANTH 205	Race and Ethnicity in Everyday Life	
or ANTH 208	Fundamentals of Cultural Diversity	
<i>U.S. and Nevada Constitutions</i> ¹		3
<i>Diversity</i> ¹		(3)
Recommended:		
SOC/ANTH 205	Race and Ethnicity in Everyday Life	
or ANTH 208	Fundamentals of Cultural Diversity	
Degree Requirements		
EMHS 200	ICS/NIMS/EOC	3

COM 113 or COM 101	Fundamentals of Speech Communications Public Speaking	3
FT 101 or FT 102	Introduction to Fire Protection Entry Level Firefighter	3
FT 122	Codes/Ordinances I	3
FT 125	Build Construction I	3
FT 131	Hazardous Materials	3
FT 200	Leadership and Ethics in Emergency Service	3
SOC 110	Conflict Resolution	3
Elective Requirements		
Select 18 units from the following or any other EMS, EMHS, FS, FT, BUS, or MATH Courses:		18
EMS 108	Emergency Medical Technician Training	
FT 106	Firefighter I Academy	
FT 110	Basic Wildland Firefighting	
FT 121	Fire Prevention I	
FS 150	Physical Fitness and Nutrition for Fire Service	
FT 151	Fire Protection Hydraulics and Water Supply	
BUS 107	Business Speech Communications	
Total Units		63

¹ Recommend taking a course that double counts for diversity, FA/ Humanities/Soc Science, or US/NV constitution. Please see catalog (<https://catalog.tmcc.edu/degrees-certificates/general-education/aas/>) for more information.

Program Outcomes

Students completing the degree will:

PSLO1: Demonstrate, classify, and employ an all-hazards approach to interdisciplinary relationships in the contemporary emergency service environment.

PSLO2: Appraise risk, recognize and employ fire mitigation techniques and operate at a national level in the role of entry-level firefighter.

PSLO3: Identify and apply the elements and governmental levels of the National Response Framework specific to the Incident Command System (ICS), National Incident Management System (NIMS), Emergency Operations Center (EOC) throughout coursework.

PSLO4: Demonstrate, differentiate, and implement a comprehension of the physical, mental, interpersonal and leadership aspects of the emergency services professions and the competence to operate cohesively among people and communities from diverse backgrounds in a professional manner.