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		
English		3
US/NV Constitution		3
Science		3
FT 200	Leadership and Ethics in Emergency Service	3
Elective		3
	Semester Total	**15**
3rd semester		
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		
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		
English		*3*
Communications		*3*
Human Relations		*3*
Recommended:		
MGT 201	Principles of Management	
or MGT 212	Leadership and Human Relations	
Mathematics:		*3*
Science		*3*
Recommended:		
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	
Fine Arts/Humanities/Social Science [1]		*3*
Recommended:		
SOC/ANTH 205	Race and Ethnicity in Everyday Life	
U.S. and Nevada Constitutions [1]		*3*
Diversity [1]		*(3)*
Recommended:		
SOC/ANTH 205	Race and Ethnicity in Everyday Life	
Degree Requirements		
EMHS 200	ICS/NIMS/EOC	3
COM 113	Fundamentals of Speech Communications	3
or COM 101	Public Speaking	

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FT 101	Introduction to Fire Protection	3
or FT 102	Entry Level Firefighter	
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.