

ASSOCIATE OF APPLIED SCIENCE - FIRE TECHNOLOGY - FIRE SUPPRESSION EMPHASIS

The fire technology degree is designed for individuals who wish to advance their careers in fire fighting or fire prevention. Students completing the Fire and Rescue Academy may also apply their 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 additional certificate courses in fire suppression systems.

Emphasis Outcomes

Students completing the emphasis will:

- Define the All Hazards approach and interdisciplinary relationships in the modern emergency service environment.
- Describe 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) functions, and through practical application, the principles of emergency mitigation, response and recovery.
- Identify and define the physical, mental, interpersonal and leadership aspects that have resulted from the multifaceted evolution of the emergency services professions and the ability to function cohesively amongst diverse ethnicity and backgrounds of people within the services and communities.

AAS degrees are generally non-transfer degrees that are 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 (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>).
4. Have no financial or library obligation to the college.

General Education Requirements

<i>English/Communications</i>	6
Required:	
Select one of the following:	
ENG 101 Composition I & ENG 102 and Composition II	
ENG 113 Composition I for International Students & ENG 114 and Composition II For International Students	
<i>Human Relations</i>	3
Required:	
MGT 201 Principles of Management	
<i>Quantitative Reasoning</i>	3
Required:	
MATH 120 Fundamentals of College Mathematics (or higher)	
<i>Science</i>	3

Required:		
ENV 101	Introduction to Environmental Science	3
<i>Fine Arts/Humanities/Social Science</i>		3
Recommended:		
SOC 205	Ethnic Groups in Contemporary Societies	
<i>U.S. and Nevada Constitutions</i>		3
Recommended:		
CH 203	American Experiences and Constitutional Change	
<i>Diversity</i> ¹		[3]
Recommended:		
SOC 205	Ethnic Groups in Contemporary Societies	
Degree Requirements		
BUS 107	Business Speech Communications	3
EMHS 200	ICS/NIMS/EOC	3
FS 150	Physical Fitness and Nutrition for Fire Service	3
FT 100	Introduction to Emergency Services	3
FT 122	Codes/Ordinances I	3
FT 125	Build Construction I	3
FT 200	Leadership and Ethics in Emergency Service	3
SOC 110	Conflict Resolution	3
Elective Requirements		
Select 15 units from the following:		15
EMS 108	Emergency Medical Technician Training	
FT 106	Firefighter I Academy	
FT 110	Basic Wildland Firefighting	
FT 121	Fire Prevention I	
FT 131	Hazardous Materials	
Total Units		63

¹ Course may also count toward additional degree requirements. Please consult with Academic Advisement

Course	Title	Units
1st semester		
English ³		3
Elective ³		3
MATH 120	Fundamentals of College Mathematics	3
FT 200	Leadership and Ethics in Emergency Service	3
FS 150	Physical Fitness and Nutrition for Fire Service	3
Semester Total		15
2nd semester		
English ³		3
ENV 101	Introduction to Environmental Science	3
FT 100	Introduction to Emergency Services	3
Social Science/Diversity ³		3
SOC 110	Conflict Resolution	3
Semester Total		15
3rd semester		
FT 125	Build Construction I	3
FT 122	Codes/Ordinances I	3
EMHS 200	ICS/NIMS/EOC	3
U.S. & Nevada Constitution ³		3
Semester Total		12

4th semester

Elective ³	6
Semester Total	6

5th semester

BUS 107	Business Speech Communications	3
MGT 201	Principles of Management	3
Select 6 units of electives from the approved list: ³		6
Semester Total		12
Total Units		60

² See approved General Education list for the AAS Degree. (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>)

³ See program recommendations or requirements.