

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

The Associate of Applied Science Degree in Fire Technology Management is designed to provide students and career fire service personnel with the necessary education and skills required to enter a career or achieve promotion in a municipal, county or state fire department. The courses follow the Fire and Emergency Services Higher Education (FESHE) curriculum. The course content is designed to meet the National Fire Protection Association’s 1001 Standard for Fire Fighter Professional Qualifications. The elective material is designed to prepare fire-fighters for advancement in the fire service.

This degree does not guarantee employment or promotion but will prepare the student to increase their chances of being hired or promoted. Students may be placed in a physically demanding environment designed to introduce the student to job tasks and skills required to operate in the fire and emergency services.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Demonstrate donning of Hazardous Materials suits and self-contained breathing apparatus.
- Conduct a basic fire inspection.
- Conduct a basic fire investigation.
- Identify the working components of a fire protection system.
- Distinguish the different types of construction methods used in the building of various types of structures.
- Complete the State of Nevada Certification requirements in the following categories: Hazardous Materials Operations and Awareness, Fire Instructor I, Fire Officer I, and wildland fire-fighting red card certification.

GENERAL EDUCATION REQUIREMENTS (25 Credits):

SPECIAL PROGRAM REQUIREMENTS (36 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 107 and COM 101	6	_____
ENGLISH COMPOSITION: ENG 100, 101, 107, 113	3-5	_____
HUMAN RELATIONS: HMS 130, MGT 283, PSC 201, PSY 101, 102, 207, 208, 261, SOC 101, 102, 202, 205, 275	3	_____
MATHEMATICS: MATH 104B or above (except MATH 122, 123)	3	_____
NATURAL SCIENCES: ANTH 102, AST, BIOL 101 or above, CHEM, ENV, GEOG 103, 104, 117, GEOL, PHYS	3	_____
FINE ARTS/HUMANITIE/S SOCIAL SCIENCES: AM, ANTH (except 102), ART, COM, ECON, ENG 223 or above, GEOG 106, 109, HIST, International Languages, Music, PHIL, PSC, THTR, WMST 113	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 or HIST 111 and HIST 102 or HIST 217	4-6	_____

	CR	SEMESTER
FT 101 Principles of Emergency Services	3	_____
FT 105 Fire Behavior and Combustion	3	_____
FT 121 Fire Prevention	3	_____
FT 125 Building Construction for Fire Protection	3	_____
FT 131 Hazardous Materials Chemistry	3	_____
FT 152B Legal Aspects of Emergency Services	3	_____
FT 154B Principles of Fire and Emergency Services Safety and Survival	3	_____
FT 224 Fire Protection Systems	3	_____
Plus 12 credits from the following:		
FT 110 Basic Wildland Firefighting	3	_____
FT 126 Fire Investigation I	3	_____
FT 150 Apparatus and Equipment	3	_____
FT 151 Fire Protection Hydraulics and Water Supply	3	_____
FT 153B Occupational Safety and Health for Emergency Services	3	_____
FT 190 Fire Instructor I	3	_____
FT 191 Introduction to Company Officer	3	_____
FT 226 Fire Investigation II	3	_____
FT 243 Strategy and Tactics	3	_____
FT 291 Fire and Emergency Services Administration	3	_____
FT 298 Seminar in Fire Management	3	_____

This degree was approved for fall 2014 early implementation but was not ready by deadline for inclusion in the 2014-2015 College Catalog.

NOTE: Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree.

FTM-AAS

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Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

ASSOCIATE OF APPLIED SCIENCE



Guided Pathway
Associate of Applied Science-Fire Technology Management (AAS)
Total Credits 64

First Semester	Requirement	Credit Hours	Term
ENG 100, 101 or 113	English	3	
COM 101	Communications	3	
FT 101	Principles of Emergency Services	3	
Elective	Human Relations	3	
	Total	12	
Second semester	Requirement	Credit Hours	Term
MATH 120 or higher	Mathematics	3	
Elective	Science	3	
FT 105	Fire Behavior and Combustion	3	
FT 121	Fire Prevention	3	
	Total	12	
Third Semester	Requirement	Credit Hours	Term
FT 125	Building Fire Protection	3	
FT 131	Hazardous Materials	3	
FT 152B	Legal Aspects	3	
Elective	Science	3	
	Total	12	
Fourth Semester	Requirement	Credit Hours	
FT 154B	Principles of Fire Safety	3	
FT 224	Fire Protection Systems	3	
Elective	Fine Arts	3	
Elective	Fire Technology	3	
	Total	12	
Fifth Semester	Requirement	Credit Hours	
PSC 101	U.S. and Nevada Constitutions	4	
Elective	Fire Technology	6	
	Total	10	
Sixth Semester	Requirement	Credit Hours	
Elective	Fire Technology	3	
BUS 107	Communications	3	
	Total	6	
	Degree Total	64	