

Fire Technology Management – Open Entry Program

Associate of Applied Science (61 credits)

PROGRAM COURSES		
Courses should be taken in sequence to ensure logical continuity of instruction.		
Course	Title	Credits
Semester 1		
ENG 100, 101, 107, 110, or 113	Composition	3
MATH 104B or above (except MATH 122 & 123)	Mathematics	3
HUMAN RELATIONS	*See Course Options in CSN Catalog	3
FINE ARTS / HUMANITIES / SOCIAL SCIENCES	*See Course Options in CSN Catalog	3
FT 101	Principles of Emergency Services	3
	Credits Per Semester	15-17
Semester 2		
FT 105	Fire Behavior and Combustion	3
FT 121	Fire Prevention	3
ELECTIVES	*See Course Options in CSN Catalog	9
	Credits Per Semester	15
Semester 3		
COM 101	Public Speaking	3
FT 125	Building Construction for Fire Protection	3
FT 131	Hazardous Materials Chemistry	3
FT 152	Legal Aspects of Emergency Services	3
ELECTIVES	*See Course Options in CSN Catalog	3
	Credits Per Semester	15
Semester 4		
NATURAL SCIENCE	*See Course Options in CSN Catalog	3
US & NV CONSTITUTIONS	*See Course Options in CSN Catalog	4
FT 154	Principles of Fire and Emergency Services Safety and Survival	3
FT 224	Fire Protection Systems	3
FT 291	Fire and Emergency Services Administration	3
	Credits Per Semester	16
*CSN Catalog is available at https://www.csn.edu/calendar		

IMPORTANT POINTS

- The Fire Technology Management program is NOT a Limited Entry Program. Therefore, the Health Programs Orientation, meeting with a Health Programs Advisor, and an Application for Admission is **not** required.
- FT courses are taught both online and in-person. Cross reference each course listed under General Education Requirements and Program Courses with the College Catalog to verify any restrictions or course prerequisites before registering for a class.
- **GRADUATION:** Apply after completing the third semester of the program by the deadline. Go to www.csn.edu/graduation for deadlines, information, and instructions.
- For additional information about this program, contact Program Director Eric Aker at eric.aker@csn.edu.

CAREER GUIDE

Firefighter Pay Scale: Year 0 (During the Academy)

- Biweekly: \$3205.27
- Monthly: \$4994.75
- Annually: \$59,937.02

Firefighter Pay Scale: Year 1 (After the Academy)

- Biweekly: \$2596.12
- Monthly: \$5625.02
- Annually: \$67,500.23

Hourly Wage Range in Nevada

- Hourly Wage Range: \$27.50 - \$34.00
- Median Hourly Wage: \$28.70

Source: Nevada 2026 OES Wage Data

Approximate Costs (subject to change)

Tuition (61 credits).....\$8,311.25

Books\$1,100.00

College Application Fee \$20.00

One-time, non-refundable fee charged to new students only

Non-Resident Fee* \$4,775.00 per semester

*This is in addition to the tuition and technology fee and is assessed to non-resident students enrolled in 7 or more credit hours.

Program Description

The Fire Technology Management degree 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 firefighters 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.

Learning Outcomes

- 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 firefighting red card certification.

Admission Requirements

The Associate of Applied Science Fire Technology Management degree is an Open Entry program, therefore, a "Limited Entry Application to a Health Science Program" is NOT required. However, there may be course restrictions or prerequisites. Cross reference each required course with the College Catalog to verify any restrictions.

Application Deadline

No application is required. Complete all required courses to receive an Associate of Applied Science degree in Fire Technology Management.