

Fire Science Technology – Fire Fighting

CERTIFICATE OF ACHIEVEMENT (CoA)

REQUIRED CREDITS: 34

DEGREE CODE: FSTFF-CT

DESCRIPTION

The Fire Fighting certificate is designed for students who desire to enter a career in a municipal, county or state fire department. The material is linked with the Nevada State Fire Marshal’s Nevada Firefighter I Certificate. Students are given the opportunity to take the Nevada and National Fire Protection Association’s Firefighter I didactic and practical test. Course material must be taken in sequence with all prerequisites being completed prior to testing with the State Fire Marshal’s Office.

The Fire Fighting certificate does not guarantee employment within any fire department in the State of Nevada. Students may be placed in a physically demanding environment designed to introduce the student to the job task and skills required to operate in the fire and emergency service.

STUDENT 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.

PLEASE NOTE - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

GENERAL EDUCATION REQUIREMENTS (6 CREDITS)

COMMUNICATIONS (6 credits)

Required: BUS 107 and COM 101

SPECIAL PROGRAM REQUIREMENTS (28 CREDITS)

FT 101	Principles of Emergency Services	3
FT 104	Nevada Firefighter I	3
FT 105	Fire Behavior and Combustion	3
FT 109B	Internship in Firefighting	1
FT 110	Basic Wildland Firefighting	3
FT 121	Fire Prevention	3
FT 125	Building Construction for Fire Protection	3
FT 150	Apparatus and Equipment	3
FT 152B	Legal Aspects of Emergency Services	3
FT 154B	Principles of Fire and Emergency Services Safety and Survival	3

Computation included in FT 101

Human Relations included in FT 101

FULL-TIME STUDENT DEGREE PLAN

Plan can be modified to fit the needs of part-time students by adding more semesters.

FIRST SEMESTER	Credits
BUS 107 Business Speech Communication	3
FT 101 Principles of Emergency Services	3
FT 104 Nevada Firefighter I	3
FT 105 Fire Behavior and Combustion	3
TOTAL CREDITS	12
SECOND SEMESTER	Credits
FT 109B Internship in Firefighting	1
FT 121 Fire Prevention	3
FT 125 Building Construction for Fire Protection	3
FT 150 Apparatus and Equipment	3
TOTAL CREDITS	10
THIRD SEMESTER	Credits
COM 101 Oral Communication	3
FT 110 Basic Wildland Firefighting	3
FT 152B Legal Aspects of Emergency Services	3
FT 154B Principles of Fire and Emergency Services Safety and Survival	3
TOTAL CREDITS	12
DEGREE PLAN TOTAL CREDITS	34

- NOTE**
- Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
 - Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit www.csn.edu/honors.
 - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
 - 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.

