

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree is designed for people who desire to enter a career in a municipal, county or state fire department. The material is linked with the Nevada State Fire Marshall's Nevada Firefighter I Certificate. Students are given the opportunity to take several didactic and practical tests administered throughout the program to attain certification at both the state and national level related to fire and emergency services. The core curriculum includes orientation material to the fire service, fire fighting procedures, hazardous materials, emergency medical services, fire prevention and an introduction to wildland fire fighting. The course content is designed to meet or exceed the National Fire Protection Association's 1001 Standard for Fire Fighter Professional Qualifications. The elective material is designed to allow a student to obtain some degree of specialization that may tailor a student's education to qualify for specialty teams within a fire department organization.

This degree does not guarantee employment and securing a fire department position in Nevada is extremely competitive. Students may be placed in paramilitary and physically demanding environments 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 preparedness for the Nevada State Fire Marshall's written test in accordance with the National Fire Protection Association's Firefighter I Standard I 1001 covering the topics of fire department operations, communication, rescue, and prevention.
- Demonstrate preparedness for the Nevada State Fire Marshall's practical skills test in with the Firefighter I Standard I 1001 covering the topics of fire department operations, communication, rescue, and prevention.
- Able to conduct a fire inspection, basic fire ground math calculation, and fire conversion.
- Demonstrate preparedness for the National Fire Academy's certifications in Incident Command, Building Construction, and Tactics and Strategies.

GENERAL EDUCATION REQUIREMENTS (25 Credits):

	CR	SEMESTER
COMMUNICATIONS: COM 101, ENG 100, 101, 102, 107, 113, 114	3-5	_____
ENGLISH: ENG 100, 101, 107, 113	3-5	_____
HUMAN RELATIONS: HMS 130, 135B, 265B, PSC 201, PSY 101, 102, 207, 208, 261, SOC 101, 102, 202, 205, 275	3	_____
MATHEMATICS: MATH 120 or above (except MATH 122, 123)	3	_____
SCIENCE: AST, BIOL, CHEM, EGG 131, 132, ENV, GEOG 103, 104, 117, GEOL, HHP 123B, 124B, PHYS	6	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (44 Credits):

	CR	SEMESTER
EMS 108B Emergency Medical Technician Training	8	_____
FT 101 Introduction to Fire Science	3	_____
FT 105 Fire Behavior and Combustion	3	_____
FT 121 Fire Prevention I	3	_____

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	CR	SEMESTER
FT 125 Building Construction I	3	_____
FT 126 Fire Cause Determination	3	_____
FT 151 Fire Service Hydraulics I	3	_____
FT 224 Fire Protection Systems	3	_____
Plus 6 credits from the following:		
FT 104 Nevada Firefighter I	3	_____
FT 109B Internship in Firefighting	3	_____
FT 143 Incident Command System	3	_____
FT 243 Firefighting Tactics and Strategy	3	_____
Plus 9 credits from the following:		
BUS 101 Introduction to Business	3	_____
CHEM 105 Chemistry, Man and Society	3	_____
CHEM 110 Chemistry for Health Sciences I	4	_____
CHEM 111 Chemistry for Health Sciences II	4	_____
CONS 120B Printreading and Specifications	3	_____
EMS 109B Basic EMT Refresher	2	_____
ESH 205 Transportation of Hazardous Materials	3	_____
FT 150 Apparatus and Equipment	3	_____
FT 226 Fire/Arson Investigation	3	_____
FT 230 Fire Chemistry	3	_____
FT 291 Fire Administration	3	_____
FT 298 Seminar in Fire Management	3	_____
IS 101 Introduction to Information Systems	3	_____
MGT 201 Principles of Management	3	_____

69
Total Credits

ASSOCIATE OF APPLIED SCIENCE

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.