

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree is designed for people who desire to enter or enhance their career in a state or federal, wildland fire fighting agency. The material is linked with the National Multi-Agency Coordinating Group certification process. Students are given the opportunity to take several didactic and practical tests administered throughout the program to attain both state and national level wildland competencies. The core curriculum includes certification material to secure the basic wildland red card needed for employment in a wildland fire agency. Additional course work is designed to meet or exceed the National Fire Protection Association’s 1051 Standard on Wildland Fire Fighter Professional Qualifications, 1995 Edition. 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 supervisor positions in a wildland organization.

Students may be placed in paramilitary and physically demanding environments designed to introduce the student to the job tasks and skills required to operate in the wildland fire services.

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

- Demonstrate preparedness for the combined National Wildland Group Consortium Red Card certification with a greater than 70% score in the fields of Urban Interface, Wildland Fire Behavior, Wildland Techniques, and Initial Attack.
- Demonstrate preparedness for the National Wildfire Consortium Group Pack Skills Test, Fire Shelter Development, and Fire Line Cutting Test.
- Demonstrate preparedness to pass the National Wildfire Consortium Group certification in Squad Boss and Strike Team Leader upon graduation.
- Demonstrate preparedness to pass the basic wildland firefighter written test according to the National Fire Protection Association’s Firefighter I Standard 1051 for Wildland firefighter.

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 124 or above	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 110 Basic Wildland Fire Fighting	4	_____
FT 114 Initial Attack Incident Commander	2	_____
FT 143 Incident Command System	3	_____
FT 151 Fire Service Hydraulics I	3	_____
FT 211 Fire Business Management	2	_____
FT 216 Urban/Wildland Fire Operations	4	_____
FT 218 Intermediate Fire Behavior	3	_____
FT 243 Firefighting Tactics and Strategy	3	_____
GEOG 117 Meteorology/Climatology	3	_____
Plus 9 credits from the following:		
CHEM 103 Preparatory Chemistry	3	_____
CHEM 105 Chemistry, Man and Society	3	_____
CHEM 110 Chemistry for Health Sciences I	4	_____
CHEM 111 Chemistry for Health Sciences II	4	_____
CHEM 121 General Chemistry I	4	_____
CHEM 122 General Chemistry II	4	_____
FT 126 Fire Cause Determination	3	_____
FT 224 Fire Protection Systems	3	_____
FT 226 Fire/Arson Investigation	3	_____
GEOG 103 Physical Geography	3	_____
IS 101 Introduction to Information Systems	3	_____

ASSOCIATE OF APPLIED SCIENCE

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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.