

**ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)**

The Associate of Applied Science Degree in Fire Science Management prepares the career firefighter with course work that meets the National Fire Protection Association’s Fire Officer II Standard (NFPA). This degree encompasses the National Fire Academy’s model curriculum and articulates with the Bachelor of Public Administration Fire Safety Administration Concentration at the University of Nevada, Las Vegas. This program is designed for firefighters currently employed by area fire departments. Many courses in this curriculum require a NFPA Firefighter II certification.

**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 1001 covering the topics of fire department operations, communications, rescue, and prevention.
- Demonstrate preparedness for the Nevada State Fire Marshall’s practical skills test according to standards set forth by the Nevada State Fire Training Standards Committee encompassing the skills of rescue, fire ground operations, and prevention.
- Conduct a fire inspection, basic fire ground math calculations, and fire ground functions according to standards set forth by the National Fire Protection Association and the International Building Code Convention.
- 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 |
|--|-----|----------|
| <b>COMMUNICATIONS:</b><br>ENG 100, 101, 113  | 3-5 | _____    |
| <b>ENGLISH:</b><br>ENG 107   | 3   | _____    |
| <b>HUMAN RELATIONS:</b><br>MGT 283   | 3   | _____    |
| <b>MATHEMATICS:</b><br>MATH 120 or above<br>(except MATH 122, 123)                                       | 3   | _____    |
| <b>SCIENCE:</b><br>AST, CHEM, ENV,<br>GEOG 103, 104, 117, GEOL, PHYS,<br>BIOL 189, 223, 224              | 6   | _____    |
| <b>FINE ARTS/HUMANITIES/<br/>SOCIAL SCIENCES:</b><br>ECON 261, PHIL 101, PSY 101                         | 3   | _____    |
| <b>U.S. AND NEVADA CONSTITUTIONS:</b><br>PSC 101 or<br>HIST 101 and HIST 102 or<br>HIST 101 and HIST 217 | 4-6 | _____    |

**SPECIAL PROGRAM REQUIREMENTS (42 Credits):**

|  | CR | SEMESTER |
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| <b>FT 105</b> Fire Behavior and Combustion                   | 3  | _____    |
| <b>FT 121</b> Fire Prevention I                              | 3  | _____    |
| <b>FT 125</b> Building Construction I                        | 3  | _____    |
| <b>FT 126</b> Fire Cause Determination                       | 3  | _____    |
| <b>FT 131</b> Hazardous Materials I (Operational)            | 3  | _____    |
| <b>FT 151</b> Fire Service Hydraulics I                      | 3  | _____    |
| <b>FT 190</b> Fire Instructor I                              | 3  | _____    |
| <b>FT 191</b> Introduction to Company Officer                | 3  | _____    |
| <b>FT 224</b> Fire Protection Systems                        | 3  | _____    |
| <b>FT 243</b> Firefighting Tactics and Strategy              | 3  | _____    |
| <b>FT 247</b> Incident Safety Officer                        | 3  | _____    |
| <b>FT 291</b> Fire Administration                            | 3  | _____    |
| <b>Plus 6 credits from the following:</b>                    |    |          |
| <b>BUS 107</b> Business Speech Communication                 | 3  | _____    |
| <b>ECON 261</b> Principles of Statistics I                   | 3  | _____    |
| <b>FT 143</b> Incident Command System                        | 3  | _____    |
| <b>FT 144</b> High Rise Firefighter I                        | 3  | _____    |
| <b>FT 226</b> Fire/Arson Investigation                       | 3  | _____    |
| <b>FT 230</b> Fire Chemistry                                 | 3  | _____    |
| <b>FT 298</b> Seminar in Fire Management                     | 3  | _____    |
| <b>IS 101</b> Introduction to Information Systems            | 3  | _____    |
| <b>MGT 120B</b> Introduction to Public Sector Administration | 3  | _____    |
| <b>MGT 201</b> Principles of Management                      | 3  | _____    |
| <b>MGT 235</b> Organizational Behavior                       | 3  | _____    |
| <b>PSC 208</b> Survey of State and Local Government          | 3  | _____    |

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.

**67**  
Total Credits