

## Degrees: Associate of Applied Science

**Fire Science Technology  
Fire Service Management**

### Certificates:

**Fire Fighter I  
Fire Instructor  
Fire Officer I  
Fire Officer II  
Fire Officer III  
Driver Operator  
Fire Inspector**

Completion of this curriculum prepares you for

- Entry into a career in fire suppression, prevention, or related fields
- Promotion within a fire department or within the fire service
- Transfer to a four-year college in pursuit of a bachelor of science degree.

## AAS Degree

### Fire Science Technology

This program of study is designed for students new to or preparing for the fire service. Students must earn a C or better in all fire science and general education courses to graduate.

Required Courses	Credits
FST 100 Firefighter I Academy	9
FST 102 Principles/Emergency Services	3
FST 103 Occupational Health and Safety for Fire	3
FST 104 Fire Protection Systems	3
FST 105 Building Construction for Fire Prof	3
FST 106 Fire Prevention	3
FST 107 HazMat Operations (Level I)	3
FST 110 Job Placement and Assessment	3
FST 151 Driver Operator or FST 203 Fire Protection Hydraulics and Water Supply	3
FST 201 Instructional Methodology	3
FST 202 Strategy and Tactics I	3
FST 204 Principles of Code Enforcement	3
FST 205 Fire Investigation I	3
FST 206 Fire Company Supervision and Leadership or FST 250 Chemistry for Fire Protection	3
<b>Required Course Credits</b>	<b>48</b>
<b>Recommended General Education Courses:</b>	<b>15</b>

<b>English/Communication</b>	<b>3</b>
ENG 121, or COM 115, or COM 125	
<b>Mathematics</b>	<b>3</b>
MAT 107 (Minimum) or MAT 121 (4 credits)	
<b>Arts and Humanities</b>	<b>3</b>
PHI 111 or PHI 112 SPA 111	
<b>Physical and Life Sciences</b>	<b>3</b>
BIO 111 or BIO 201, CHE 111	
<b>Social and Behavioral Science</b>	<b>3</b>
PSY 101, SOC 101, POS 105	
<b>Total Credits</b>	<b>63-64</b>

## AAS Degree

### Fire Service Management

This degree is for students experienced as firefighters preparing for career advancement. Students must earn a C or better in all fire science and general education courses to graduate.

Emphasis is placed on the latest methodologies of fire prevention, incident management, and leadership principles within the fire service. Upper level course work includes the study of fire scene strategy and tactics, the national incident management system, legal and administration issues in the fire service, and fire service leadership. The majority of this degree program is available online.

The Fire Service Management degree program credits may be transferred to Regis University, or other colleges, towards a bachelor of science degree in public administration or applied science.

Required Courses	Credits
FST 201 Instructional Methodology	3
FST 202 Strategy and Tactics I	3
FST 204 Principles of Code Enforcement	3
FST 205 Fire Investigation I	3
FST 206 Fire Company Supervision and Leadership	3
FST 207 Strategy and Tactics II	3
FST 251 Legal Aspects of Fire Service	3
FST 253 NIMS Fire Ground Organization and Command (ICS)	3
FST 255 Fire Service Management or FST 256 Fire Service EMS Management	3
FST 257 Fire Department Administration	3
FST 275 Special Topics--Fire Analysis Thesis or FST 289 Capstone	3
<b>Required Course Credits</b>	<b>33</b>
<b>Recommended General Education Courses:</b>	<b>15</b>
<b>English/Communication</b>	<b>3</b>
ENG 121, or COM 115, or COM 125	
<b>Mathematics</b>	<b>3</b>
MAT 107 (Minimum) or MAT 121 (4 credits)	
<b>Arts and Humanities</b>	<b>3</b>
PHI 111 or PHI 112 SPA 111	

<b>Physical and Life Sciences</b>	<b>3</b>
BIO 111 or BIO 201, CHE 111	
<b>Social and Behavioral Science</b>	<b>3</b>
PSY 101, SOC 101, POS 105	
<b>Faculty advisor-approved electives:</b>	<b>12</b>
(Courses within BUS, CIS, COM, MAN, POS)	
<b>Total Credits</b>	<b>60</b>

## Certificate

### Fire Fighter I

Strongly recommended prerequisite: EMS 125/170 (EMT-Basic)

<b>Required Courses</b>	<b>Credits</b>
FST 100 Firefighter I Academy	9
FST 107 HazMat Operations (Level I)	3
FST 170 Fire Academy Clinical I	1
<b>Total Credits</b>	<b>13</b>

## Certificate

### Fire Instructor

<b>Required Courses</b>	<b>Credits</b>
FST 201 Instructional Methodology	3
COM 115 Public Speaking	3
<b>Total Credits</b>	<b>6</b>

## Certificate

### Fire Officer I

Prerequisites: ENG 121 English Composition I  
Firefighter I (Colorado CDFS certification)

<b>Required Courses</b>	<b>Credits</b>
FST 250 Chemistry for Fire Protection	3
FST 201 Instructional Methodology	3
FST 202 Strategy and Tactics I	3
FST 204 Principles of Code Enforcement	3
<b>Total Credits</b>	<b>12</b>

## Certificate

### Fire Officer II

Prerequisite: Fire Officer I Certificate

<b>Required Courses</b>	<b>Credits</b>
FST 205 Fire Investigation I	3
FST 207 Strategy and Tactics II	3
FST 253 NIMS Fire Ground Organization and Command (ICS)	3
FST 255 Fire Service Management	3
<b>Total Credits</b>	<b>12</b>

## Certificate

### Fire Officer III

Prerequisites: Fire Officer I and II Certificates

<b>Required Courses</b>	<b>Credits</b>
FST 251 Legal Aspects of Fire Service	3
FST 257 Fire Department Administration	3
FST 289 Capstone	3
<b>Total Credits</b>	<b>9</b>

## Certificate

### Fire Inspector

Prerequisite: Fire Officer I

<b>Required Courses</b>	<b>Credits</b>
FST 105 Building Construction for Fire Prof	3
FST 106 Fire Prevention	3
FST 204 Principles of Code Enforcement	3
<b>Total Credits</b>	<b>9</b>

## Certificate

### Hazardous Materials

<b>Required Courses</b>	<b>Credits</b>
FST 107 HazMat Operations (Level I)	3
FST 202 Strategy and Tactics I	3
FST 253 NIMS Fire Ground Organization & Command (ICS)	3
FST 254 Hazardous Materials Technician	3
<b>Total Credits</b>	<b>12</b>