

# Degree & Certificate Requirements

## Fire Science Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2022-2023 Degree Requirements

### Major Courses

| Course Number                 | Course Title                             | Credits   | Qtr. Completed | Comments / Substitution |
|-------------------------------|--|-----------|----------------|-------------------------|
| FS 100                        | Introduction to Fire Service             | 1         |                |                         |
| FS 111                        | Fire Administration                      | 3         |                |                         |
| FS 121                        | Fire Tactics                             | 3         |                |                         |
| FS 131                        | Introduction to Fire Inspections         | 3         |                |                         |
| FS 141                        | Chemistry of Hazardous Materials         | 3         |                |                         |
| FS 151                        | Hazardous Materials for First Responders | 3         |                |                         |
| FS 211                        | Building Construction                    | 3         |                |                         |
| FS 222                        | Fire Tactics II                          | 3         |                |                         |
| FS 231                        | Fire Protection Equipment                | 3         |                |                         |
| FS 241                        | Fire Investigation                       | 3         |                |                         |
| FS 251                        | Fire Service Hydraulics                  | 3         |                |                         |
| <b>Total Credits Required</b> |  | <b>31</b> |                |                         |

### Major Support

| Course Number   | Course Title                     | Credits   | Qtr. Completed | Comments / Substitution |
|---|----------------------------------|-----------|----------------|-------------------------|
| ENGL&235  | Technical Writing [C]            | 5         |                |                         |
| <b>Political Science - select 5 credits from the following:</b>       |                                  |           |                |                         |
| POLS&202  | American Government [S/B]        | 5         |                |                         |
| POLS 104  | State and Local Government [S/B] | 5         |                |                         |
| <b>Business Administration - select 5 credits from the following:</b> |                                  |           |                |                         |
| BUS 262   | Management Principles            | 5         |                |                         |
| BUS 271   | Human Relations Business         | 5         |                |                         |
| <b>Subtotal</b>   |                                  | <b>15</b> |                |                         |

### Restrictive Electives

**Minimum of 28 credits appropriate to the career needs of the student. Courses must be college level, 100 or higher. Consult with advisor for course selections.**

| Course Number   | Course Title | Credits   | Qtr. Completed | Comments / Substitution |
|-----------------|--------------|-----------|----------------|-------------------------|
|                 |              | 5         |                |                         |
|                 |              | 5         |                |                         |
|                 |              | 5         |                |                         |
|                 |              | 5         |                |                         |
|                 |              | 5         |                |                         |
|                 |              | 3         |                |                         |
| <b>Subtotal</b> |              | <b>28</b> |                |                         |

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## General Education

| Course Number   | Course Title                              | Credits | Qtr. Completed | Comments / Substitution |
|---|---|---------|----------------|-------------------------|
| ENGL&101  | English Composition I [C]                 | 5       |                |                         |
| MATH 106+   | MATH 106 or above                         | 5       |                |                         |
| PSYC 100+   | PSYC 100 or above                         | 3-5     |                |                         |
| <b>Communication Studies - select 5 credits from the following:</b> |   |         |                |                         |
| CMST&101  | Introduction to Communication Studies [C] | 5       |                |                         |
| CMST&210  | Interpersonal Communication [C]           | 5       |                |                         |
| CMST&220  | Public Speaking [C]                       | 5       |                |                         |
| CMST 260  | Multicultural Communication [C]           | 5       |                |                         |

**Subtotal**      **18-20**  
**Total Credits Required**      **92-94**

A student may not use equivalent cross-listed courses for the same graduation requirement. Refer to the Cross-Listed Courses section of the catalog for more information, and consult with your counselor, completion coach, or faculty advisor.