



## Fire Science Technology Career

### Program Goals Statement

This program will prepare a new student for a career in the public fire service or private fire science field, such as the insurance industry, as well as foster career advancements of current firefighters. Degree gives a solid background in the Fire Science core curriculum and general education.

### Program Information

- Courses are offered both days and evenings.
- Courses delivered via traditional classroom or online.

### Recommended Electives

- CRJ 101 Introduction to Criminal Justice; CRJ 221 Juvenile Offenders; CRJ 256 Criminal Investigation; FIR 158 Plans Review; FIR 170 Emergency Care I; FIR 171 Emergency Care II; FIR 254 Report Writing; FIR 255 Related Fire Codes and Ordinances; FIR 260 Juvenile Fire Awareness.

### After Bristol

- Graduates are serving as local fire chiefs, captains, lieutenants, firefighters, fire inspectors, fire investigators, and insurance inspectors.
- Recent graduates have transferred to baccalaureate programs in Fire Science at Salem State College, Anna Maria College, and Providence College.
- If you plan to transfer to a four-year institution, visit the Transfer Affairs website at [BristolCC.edu/transfer](http://BristolCC.edu/transfer)

### Infused General Education Competencies

Multicultural Perspective

**Subject:** Fire Science  
**Type:** Associate Degree

### Campus

**Campus:**  
Fall River  
Item #  
Title  
Credits



## Degree Requirements

### General Courses

| Item #  | Title                                    | Credits |
|---------|--|---------|
| COM 101 | Fundamentals of Public Speaking          | 3       |
| CSS 101 | College Success Seminar                  | 1       |
| ENG 101 | Composition I: College Writing           | 3       |
| ENG 102 | Composition II: Writing about Literature | 3       |

### Choose one of the following

| Item #  | Title                                  | Credits |
|---------|--|---------|
| MTH 111 | Technical Mathematics for Fire Science | 3       |

### Choose one of the following

| Item #  | Title                   | Credits |
|---------|-------------------------|---------|
| PSY 101 | General Psychology      | 3       |
| SOC 101 | Principles of Sociology | 3       |

### Elective Courses

| Item #  | Title  | Credits |
|---------|--|---------|
| SCI 116 | Science, Technology, and Society: The Chemistry of Hazardous Toxic 4 Materials | 4       |

### Elective Courses – Choose one of the following technical literacy electives

| Item #  | Title   | Credits |
|---------|---|---------|
| CIS 110 | Basic Computing Skills                        | 3       |
| CIS 111 | Introduction to Business Information Systems  | 3       |
| CIS 113 | Hospitality Management Information Systems    | 3       |
| CIS 120 | Programming: Logic, Design and Implementation | 3       |
| CIS 122 | Internet Developer                            | 3       |



## Program Courses

| Item #  | Title                                     | Credits |
|---------|---|---------|
| FIR 111 | Introduction to Fire Protection           | 3       |
| FIR 113 | Fundamentals of Fire Prevention           | 3       |
| FIR 150 | Fire Investigation                        | 3       |
| FIR 157 | Leadership and Command                    | 3       |
| FIR 159 | Building Construction for Fire Prevention | 3       |
| FIR 253 | Firefighting Tactics and Strategy         | 3       |
| FIR 261 | Fire Hydraulics                           | 3       |
| FIR 262 | Fire & Emergency Safety & Survival        | 3       |
| FIR 263 | Fire Protection Systems and Equipment     | 3       |

## Program Electives

| Item #  | Title             | Credits |
|---------|-------------------|---------|
| FIR 170 | Emergency Care I  | 4       |
| FIR 171 | Emergency Care II | 4       |

## Choose one 6-credit sequence

| Item #  | Title                           | Credits |
|---------|---------------------------------|---------|
| HST 111 | The West and the World I        | 3       |
|         | HST 112 or HST 113              |         |
| HST 114 | United States History from 1877 | 3       |

## Recommended Course Sequence - Semester 1

| Item #  | Title                           | Credits |
|---------|---------------------------------|---------|
| CSS 101 | College Success Seminar         | 1       |
| ENG 101 | Composition I: College Writing  | 3       |
| FIR 111 | Introduction to Fire Protection | 3       |
| FIR 113 | Fundamentals of Fire Prevention | 3       |
|         | HST 111 or HST 113              | 3       |
|         | MTH 111 or MTH 141              |         |



## Recommended Course Sequence - Semester 2

| Item #  | Title  | Credits |
|---------|--|---------|
| ENG 102 | Composition II: Writing about Literature                                     | 3       |
| FIR 150 | Fire Investigation   | 3       |
| SCI 116 | Science, Technology, and Society: The Chemistry of Hazardous Toxic Materials | 4       |
|         | HST 112 or HST 114   | 3       |
|         | PSY 101 or SOC 101   |         |

## Recommended Course Sequence - Semester 3

| Item #  | Title                                     | Credits |
|---------|---|---------|
| COM 101 | Fundamentals of Public Speaking           | 3       |
| FIR 159 | Building Construction for Fire Prevention | 3       |
| FIR 261 | Fire Hydraulics                           | 3       |
| FIR 262 | Fire & Emergency Safety & Survival        | 3       |
| FIR 263 | Fire Protection Systems and Equipment     | 3       |

## Recommended Course Sequence - Semester 4

| Item #  | Title                             | Credits      |
|---------|-----------------------------------|--------------|
| FIR 157 | Leadership and Command            | 3            |
| FIR 253 | Firefighting Tactics and Strategy | 3            |
| FIR 170 | Emergency Care I                  | 4            |
| FIR 171 | Emergency Care II                 | 4            |
|         | <b>Total credits:</b>             | <b>62-65</b> |