# Course Information Form (CIF)

**Course Code:** FST 116

**Course Title:** Basic Operations Firefighter I

**Department:** Allied Health
**PCS Code:** 1.2 - Occupational/Technical Instruction
**CIP Code:** 43.0203
**Repeatability:** 0

**Effective Date:** Summer 2026

## Credit Hours

**Catalog Notation:** 2-2-3
**Credit Hour Distribution:**

| Lecture: 2 | Lab: 2 | Clinical: 0 | **Total: 3** |
|---|---|---|---|

## General Course Information

### Catalog Description

Cognitive training needed to operate safely and effectively on the fireground. Basic job requirements for an entry level firefighter. Topics discussed include history of the fire service, safety and health, building construction, and fire behavior.

### General Course Objectives

Acquaint students with the necessary requirements and skills of an entry level firefighter.

### Minimum Placement Levels

| English | Reading | Math |
|---|---|---|
| Placement out of ENG 098 | Placement out of CCS 098 | Placement out of MAT 060 |

### Prerequisites

Approval of program director or department chair

### Methods of Evaluation

2-3 objective exams, 2-3 papers, 1 written report, 1 oral report, and 8-10 quizzes.

### Instructional Materials and Additional Supplies

Essentials of Fire Fighting and Fire Department Operations, IFSTA, current edition.
Additional fee may be added to cover training sites.

## Course Content

### General Learning Outcomes (GLOs)

- Communication: Students will demonstrate the ability to read, write, listen, and speak effectively.

### Course Segments and Student Learning Outcomes

| Course Segment | Learning Outcomes | Lecture Hours | Lab Hours | Clinical Hours |
|---|---|---|---|---|
| Fire Service History | 1. Explain the major events that have shaped the history of the fire service. | 2 | 0 | 0 |
| Fire Department Structure | 1. Describe the structure of fire departments and the duties of a firefighter. | 6 | 0 | 0 |
| Firefighter Safety and Health | 1. Identify safety concerns on and off the fireground.<br>2. Determine how these concerns may be mitigated to maintain a healthy career. | 4 | 0 | 0 |
| Ropes, Webbing, and Knots | 1. Demonstrate the proper techniques of utilizing rope and tying knots.<br>2. Determine the proper use of various knots and ropes in different scenarios. | 2 | 6 | 0 |
| Building Construction | 1. Summarize the different types/components of building construction and their associated hazards.<br>2. Examine, compare, and respond to each building component for volatility and combustion in various hazardous fire situations. | 3 | 6 | 0 |
| Fire Behavior | 1. Explain principles of fire behavior, and how it may affect fireground procedures.<br>2. React and demonstrate the proper approach to different fire behaviors. | 3 | 6 | 0 |
| Personal Protective Equipment | 1. Explain the use of the various forms of personal protective equipment used in the fire service and determine the proper use for each based on changing scenarios.<br>2. Demonstrate proper donning of equipment. | 2 | 6 | 0 |
| Apparatus | 1. Differentiate the various types of fire service apparatus and how the apparatus could be deployed most effectively.<br>2. Demonstrate use of apparatus. | 1 | 4 | 0 |
| Communications | 1. Explain the function of different communication systems used in the fire service.<br>2. Demonstrate use of the radio. | 4 | 2 | 0 |
| Portable Fire Extinguishers | 1. Describe and demonstrate the uses and operation of portable extinguishers. | 3 | 0 | 0 |

### Total Contact Hours

| Lecture Hours | Lab Hours | Clinical Hours |
|---|---|---|
| 30 | 30 | 0 |