

## Master Syllabus

### FST 1102 - Firefighter I

**Division:** Business and Public Services

**Department:** Fire Science Technology

**Credit Hour Total:** 7.0      **Lecture Hrs:** 3.0 **Lab Hrs:** 8.0

**Other Prerequisite(s):** Other Approval of Fire Coordinator

**Date Revised:** January 2016

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### Course Description:

Basic and intermediate instruction in fire suppression, fire chemistry and behavior, rescue, firefighting tools, appliances, equipment, built-in fire suppression systems and firefighting safety and survival. Three classroom, eight lab hours per week.

### General Education Outcomes:

- Critical Thinking/Problem Solving Competency

### Course Outcomes:

#### Rescue techniques

Demonstrate how to rescue entrapped occupants.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Correctly answer at least 70% of exam questions.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

Must pass skills assessment with a 70% or better on non-critical skills elements and 100% (pass/fail) on critical skills elements.

#### Tool and equipment usage

Demonstrate how to properly use all firefighting tools and equipment as required by the National Fire Protection Association, State of Ohio and Pro-Board, that applies to the volunteer firefighter.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Correctly answer at least 70% of exam questions.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

Must pass skills assessment with a 70% or better on non-critical skills elements and 100% (pass/fail) on critical skills elements.

#### Fire suppression

Demonstrate the fundamentals of fire suppression.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Correctly answer at least 70% of exam questions.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

Must pass skills assessment with a 70% or better on non-critical skills elements and 100% (pass/fail) on critical skills elements.

#### Firefighter safety and survival

Demonstrate appropriate safety and survival techniques used while fighting fires in various burning structures including single story, multi-story, and various industrial structures.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

Correctly answer at least 70% of exam questions.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

Must pass skills assessment with a 70% or better on non-critical skills elements and 100% (pass/fail) on critical skills elements.

### Outline:

Fire suppression techniques  
Fire behavior and chemistry  
Rescue techniques  
Firefighting tools and equipment  
Firefighter safety and survival