

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

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