

## Master Syllabus

### FST 1103 - Firefighter II Transition

**Division:** Business and Public Services

**Department:** Fire Science Technology

**Credit Hour Total:** 5.0

**Lecture Hrs:** 2.0 **Lab Hrs:** 6.0

**Prerequisite(s):** FST 1101 OR FST 1102

**Other Prerequisite(s):** AND Approval of Department

**Date Revised:** May 2016

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### Course Description:

Advanced instruction in fire-suppression operations, fire chemistry and behavior, rescue, firefighting tools, appliances, equipment, built-in fire suppression systems and firefighting safety and survival. Two classroom, six lab hours per week.

### General Education Outcomes:

- Critical Thinking/Problem Solving

### Course Outcomes:

#### 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 advanced elements 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.

#### 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.

#### 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