

## Master Syllabus

### FST 1113 - Fire Prevention

**Division:** Business and Public Services

**Department:** Fire Science Technology

**Credit Hour Total:** 3.0

**Lecture Hrs:** 3.0

**Date Revised:** June 2014

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### Course Description:

This course provides fundamental knowledge relating to the field of fire prevention.

### General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Written Communication Competency
- ▣ Computer Literacy Competency

### Course Outcomes:

#### History and philosophy

Describe the history and philosophy of fire prevention.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Correctly answer at least 70% of exam questions

#### Fire prevention organizations

Identify and describe fire prevention organizations and associations.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Correctly answer at least 70% of exam questions

#### Codes

Define laws, rules, regulations, and codes and identify those relevant to fire prevention of the authority having jurisdiction.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Correctly answer at least 70% of exam questions

#### Inspection and Reporting

Complete an inspection and prepare a detailed inspection report.

**Assessment Method:** Simulations

**Performance Criteria:** During fire inspection find 70% or more of the fire violations and prepare an inspection report that is 100% free of grammar and spelling errors.

#### National fire problem

Define the national fire problem and role of fire prevention.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Correctly answer at least 70% of exam questions

### Outline:

History and philosophy of fire prevention  
Organization and operation of a fire prevention bureau  
Use and application of codes and standards  
Fire investigation and plans review and the fire prevention bureau  
Fire inspections and life safety education