

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

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