

Master Syllabus

FST 2228 - Human Behavior & Fire

Division: Business and Public Services

Department: Fire Science Technology

Credit Hour Total: 3.0

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

Date Revised: February 2014

Course Description:

This course provides fundamental information on human behavior as it relates to fire and mass casualties. Two classroom, two lab hours per week.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Types of Behavior

Categorize the types of behavior that people exhibit in fire situations as positive or negative as they effect emergency evacuation.

Assessment Method: Locally developed exams

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

Evacuation

Perform algebraic estimates of occupant evacuation times from buildings.

Assessment Method: Locally developed exams

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

Physiological Traits

Identify four psychological traits of building occupants which may affect their identification of and response to a fire.

Assessment Method: Locally developed exams

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

Mass Casualties

Describe aspects of human behavior in mass casualties.

Assessment Method: Locally developed exams

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

Outline:

General overview of human response to fire
Impact of the fire environment on people
Assessment of occupant movement in buildings
Fire department operations