

## 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

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### 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

### 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