

Master Syllabus

FST 1555 - Hazardous Waste Operations & Emergency Response (HAZWOPER)

Division: Business and Public Services

Department: Fire Science Technology

Credit Hour Total: 3.0

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

Date Revised: October 2013

Course Description:

Training required to enter or work on a hazardous waste site with emphasis on personnel safety, site hazards, toxicology, personal protective equipment, decontamination, site characterization and site control. Two classroom, two lab hours per week.

General Education Outcomes:

- Critical Thinking/Problem Solving

Course Outcomes:

Safety plan

Describe the elements of a site safety plan.

Assessment Method: Locally developed exams

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

Laws

Identify regulatory laws.

Assessment Method: Locally developed exams

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

Occupational hazards

Distinguish and describe the occupational hazards associated with hazardous waste sites.

Assessment Method: Simulations

Performance Criteria: With at least 70% accuracy, correctly identify and describe associated occupational hazards.

Protective equipment

Identify and correctly wear various personal protective equipment.

Assessment Method: Simulations

Performance Criteria: With at least 70% accuracy, identify and correctly wear appropriate personal protective equipment.

Outline:

Regulatory aspects
Occupational hazards
Planning and organization
Site management
Monitoring equipment
Personal protective equipment
Decontamination