

**Northwest Arkansas Community College**  
**Division of Health Professions / Fire Science**

**Course Number and Title**

FIRE 1063 Fire Service Special Operations

**Catalog Description**

This course provides knowledge and skills related to competencies for Hazardous Materials First Responders through the Awareness and Operations Levels, essential Wildland Firefighting awareness, and specialized fire service rescue operations. The National Incident Management System, Incident Command System and the National Response Framework are also covered. Prerequisite for FIRE 1104 – Firefighter I.

**Prerequisites**

Permission of Fire Science Program Director

**Credit Hours/ Contact Hours/ Load Hours**

3/3/3

**Target Audience/Transferability**

This course will benefit anyone seeking a career in the fire service. This course prepares students to meet the NFPA Standards for Hazardous Material First Responders, Wildland Firefighting essential knowledge, the FEMA courses IS-100, 200, and 700 and 800, and NFPA 1001 Professional Qualification of Firefighters.

**Student Learning Outcomes**

- Identify principles of Haz-Mat First Responder Awareness and Operations Levels
- Analyze an incident to determine the presence of hazardous materials
- Implement an action plan consistent with accepted practices and use appropriate equipment and reference materials
- Describe planned response that would bring about favorable incident outcomes
- Evaluate progress of actions taken
- Effectively communicate on an incident scene
- Define and describe the National Incident Management System (NIMS)
- Understand the essential Incident Command System and Incident command for Single Resource Initial Actions
- Recall and demonstrate essential knowledge and skills related to Wildland firefighting
- Recall facts concerning other types of special operations including rope, trench, and confined space rescue

**Outline of Instruction**

- I. Introduction to the Incident Command System, IS-100
- II. Incident Command for Single Resources and Initial Action Incidents, IS-200
- III. The National Incident Management System (NIMS), IS-700
- IV. The National response Framework, IS-800
- V. Wildland/Urban interface firefighting operations
- VI. Hazardous Materials Awareness level subjects, including placards and labels
- VII. Use of Department of Transportation Emergency Response Guidebook
- VIII. Hazardous Materials Operations level subjects, including damming, diking, diverting, and decontamination
- IX. Special rescue operations

**Forms of Assessment**

Students will complete written exams based on learning outcomes to a minimum 70%. They will successfully demonstrate skills and/or knowledge related to Haz-Mat recognition, identification, containment, and decontamination, wildland firefighting, and they will obtain the four (4) required certificates from the Department of Homeland Security on-line training.