

**Northwest Arkansas Community College**  
(Health Professions Division)

**Discipline Code**

FIRE

**Course Number**

1063

**Course Title**

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**

None

**Credit Hours**

3 credit hours

**Contact hours**

45 lecture contact hours

**Load hours**

3 load hours

**Semesters Offered**

Spring

**ACTS Equivalent**

None

**Grade Mode**

A-F

**Learning Outcomes**

Students completing this course will:

- 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 Weapons of Mass Destruction and other types of special operations including rope, trench, and confined space rescue.

## **General Education Outcomes Supported**

- Students develop higher order thinking skills.

## **Standard Practices**

### **Topics list**

- Introduction to the Incident Command System, IS-100.c
- Incident Command for Single Resources and Initial Action Incidents, IS-200.b
- The National Incident Management System (NIMS), IS-700.b
- The National Response Framework, IS-800.c
- Wildland/Urban interface firefighting operations
- Hazardous Materials Awareness level subjects, including placards and labels
- Respiratory Protection and use of SCBA (Self-Contained Breathing Apparatus)
- Use of Department of Transportation Emergency Response Guidebook
- Hazardous Materials Operations level subjects, including damming, diking, diverting, and decontamination and Weapons of Mass Destruction
- Special rescue operations

### **Assessments**

- Complete course requirements via written exams and practical skills with remediation if necessary with a minimum cumulative grade of 70%.

**Revision Date** March 5, 2020

