

NorthWest Arkansas Community College
Allied Health/Fire Science

FIRE 1013 Fire Suppression: Tactics and Strategies

Catalog Description

This course reviews special methods of teaching tactical concepts relative to extinguishing all classes of fire. Forms of extinguishing equipment and compounds along with fire development are covered.

Credit Hours/Contact Hours/Load Hours

3/3/3

Required Methods of Instruction

Majority of instruction will utilize classroom lecture. Selected videos, overhead transparencies, and Power Point Presentations will reinforce the curriculum. Scenario based group activities and interactive CD ROMS for firefighting tactics and strategy will also be utilized.

Target Audience and Transfer

This course is designed for students desiring a career in the fire service or related areas. Students already working in the Fire Service will gain valuable tactical knowledge concerning sound firefighting principles. Students working towards a two-year degree in fire science, as well as those planning to transfer to a four-year college, will benefit from this course.

Essential Course Outcomes

Knowledge:

1. Acquire foundational information and concepts of sound firefighting principles.

Skills:

2. Determine appropriate strategies and tactics for firefighting operations based upon known factors relative to the type of fire, its location, its progress, and available resources.

Attitudes:

3. Develop appreciation for the complexity of various firefighting operations, and strive to relate knowledge gained to successful mitigation of firefighting operations.

Required Text

Firefighting Strategies and Tactics, James Angle, Delmar/Thompson Learning, Inc., 2001.

Topics

- A. History of Fire Service Tactics and Strategies
- B. Fire Dynamics
- C. Extinguishing Agents
- D. Incident Management Systems
- E. Coordination and Control on the Fireground
- F. Firefighter Safety
- G. Fire Company Operations
- H. Built-in Fire Protection
- I. Considerations After the Incident
- J. One and Two Family Dwellings
- K. Multiple Family Dwellings
- L. Commercial Buildings
- M. Places of Assembly
- N. High Rise Office Buildings
- O. Vehicle Fires
- P. Wildfires
- Q. Special Fires

Resources

<u>Item</u>	<u>Description</u>	<u>Location</u>
Video Tapes	Various Videos that Reinforce Subjects	NWACC
CD ROM	Incident Command Fire Scene Simulator	NWACC