

FIRE 275 : TACTICS & STRATEGIES

Transcript title

Tactics Strategies

Credits

3

Grading mode

Standard letter grades

Total contact hours

50

Lecture hours

10

Other hours

40

Prerequisites

FIRE 104, FIRE 105, FIRE 110, FIRE 112, FIRE 114, FIRE 120, FIRE 123, FIRE 175, FIRE 205, and FIRE 265.

Prerequisites with concurrency

FIRE 232.

Course Description

Provides a capstone experience to the Fire Science AAS program. Includes an in-depth analysis of the principles of fire control using personnel, equipment, and extinguishing agents on the fire ground. Taken in the final term prior to program completion. Fire and Emergency Services Higher Education (FESHE) non-core requirement; equivalent to NFA C0279.

Course learning outcomes

1. Discuss fire behavior as it relates to strategies and tactics.
2. Identify the basics of building construction and how they interrelate to pre-fire planning, strategy, and tactics.
3. Given an incident, provide a size-up, create a strategy, and implement appropriate tactics.
4. Use a working knowledge and execution of ICS/NIMS (Incident Command System/National Incident Management System) for given incidents.

Content outline

The course learning outcomes are those of the National Fire Academy (NFA).

1. Class introductions and expectations
2. History of S and T's
3. FF safety
4. Incident management systems
5. Emergency incidents lab: Introduction to simulations, rules and expectations

6. Coordination and control, basic building const., fire dynamics
7. Size-up simulations
8. Pre-incident planning, extinguishing agents
9. Built in fire protection
10. ICS scenarios and IAP
11. Company operations
12. Basic operational simulations
13. One and two family dwellings
14. Life safety simulations
15. Multiple family dwelling, commercial buildings
16. Offensive operation simulations
17. Places of assembly, high-rise/mid-rise, vehicle fires
18. Defensive operations simulations
19. Wildland fires, special fires
20. Offensive and defensive operational simulations
21. After the incident
22. Putting it all together – complete from tone out to salvage simulations
23. Final simulation and capstone evaluation

Required materials

Electronic course pack is provided.