

# FIRE 175 : NFPA FIREFIGHTER 1 ACADEMY

## Transcript title

NFPA Firefighter 1 Academy

## Credits

7

## Grading mode

Standard letter grades

## Total contact hours

140

## Other hours

140

## Course Description

Provides new firefighters the practical and cognitive training needed to operate safely and effectively on the fireground. Meets the requirements outlined by NFPA 1001 (National Fire Protection Association,) the Oregon Department of Public Safety Standards and Training (DPSST,) and the International Fire Service Accreditation Congress (IFSAC) for firefighter training. Focuses on an intense hands-on approach to firefighter, which promotes both skill competency and an understanding of the fireground. Students will be tasked to complete numerous fireground evolutions that apply their skills to a variety of scenarios. Successful completion of finger printing/background check is required prior to DPSST certification. Requires a high level of physical fitness.

## Course learning outcomes

1. The following learning outcomes are those of the Department of Public Safety Standards Training (DPSST).
2. Describe the value of accepting responsibility for actions including evaluating the safe practices of a given action.
3. Display behavior consistent with the ethical standards within the fire service to include exhibiting a positive, professional and confident demeanor.
4. Recognize the role that firefighter fitness and well-being plays in becoming a firefighter.
5. Identify various assignments and functional positions within a fire agency while utilizing the chain of command during operations.
6. Function as a team member and work effectively in team settings as it relates to the job performances of emergency services.
7. Differentiate between fire hose supply and attack lines and the manner in which these lines are loaded and stored on fire apparatus.
8. Analyze a given structure to determine the appropriate size ladder, then effectively and safely place that ladder on the structure.
9. Show proficiency in the recognition, operation and maintenance of firefighting hand, power and electrical tools and equipment.
10. Demonstrate the appropriate use of firefighting tools to successfully gain entry into a given structure.

## Content outline

1. Orientation and administration
2. Firefighter I certification process

3. Health and safety
4. Structural personal protective ensemble
5. Self-contained breathing apparatus
6. Apparatus response
7. Emergency scene operations
8. Communications
9. Emergency response initiation
10. Radio communication
11. Ropes and knots
12. Hand and power tools
13. Portable electric and lighting equipment
14. Toll and equipment maintenance
15. Building construction and related hazards
16. Basic fire behavior
17. Fire extinguishers
18. Water supply systems
19. Fire hose
20. Utility control
21. Ground ladders
22. Forcible entry
23. Structural fire search and rescue
24. Structural firefighting operations
25. Horizontal ventilation operations
26. Vertical ventilation operations
27. Property conservation
28. Overhaul
29. Firefighter survival
30. Exterior fires
31. Passenger vehicle fires
32. Human factors
33. Confined space awareness
34. Incident command system
35. National incident management system

## Required materials

Students will be required to purchase a textbook.