



Pennsylvania State Fire Academy

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Minimum Standard for Accreditation (MSA)

Date: 9-2012

Last Revision:

Course Title: Strategy and Tactics for Initial Company Operations

SFA Course Code: STICO

Course Length: 16 hrs

Lecture/Lab Breakdown: 12/4

Prerequisites: PICO or DMICO

Referenced Text(s): NFA Curriculum-IG

Course Goal: This course is designed to develop the management skills needed by Company Officers (COs) to accomplish assigned tactics at structure fires.

Course Description: This course is designed for specifically newly appointed Company Officers, Acting Company Officers and those who are in the process of becoming a Company Officer. The course discusses in depth the management skills needed as well identifying the processes a Company Officer needs to do to accomplish Fire Confinement, Exposure Protection and Extinguishment while taking into consideration Rescue, Ventilation Support and Overhaul. Water Supply, Fixed Systems and Salvage are also discussed.

Description of Methodology: Lecture with interactive discussion and Student Activities

Student Equipment & Supplies: STICO SM for each student

Equipment/Audiovisual/Facility/Supply Requirements: Classroom with computer, projector and screen

Special Notes & Conditions: Total time is based on presentation of material as well as breaks and administrative duties.

Course Outline

<u>Time</u>	<u>Topic</u>	<u>Notes</u>
1 hr 35 min	The Analytical Sizeup Process	
4 hr 30 min	Fire Confinement, Exposure Protection and Fire Extinguishment	
3 hr 30 min	Rescue, Ventilation, Support and Overhaul	
3 hr 50 min	Water Supply, Fixed Fire Protection Systems and Salvage	

Competency Evaluation Mechanism: Interactive discussion, group activities as well as a written exam

Learning Outcomes (Behavioral Objectives):

Upon successful completion the student shall be able to;

1. Discuss the scientific method.
2. Describe the primary sizeup factors and determine their impact on objectives and strategies.
3. Analyze the command sequence action planning cycle
4. Select and deploy the appropriate hoselines to accomplish fire confinement, exposure protection, and fire extinguishment.
5. Using the command sequence cycle, develop a confinement action plan based on the incident presented.
6. Using the command sequence cycle, develop an exposure protection action plan based on the incident presented.
7. Using the command sequence cycle, develop a fire extinguishment action plan based on the incident presented.
8. Identify and explain the actions required to support fire confinement, exposure protection, and fire extinguishment activities.
9. Select appropriate ventilation tactics based on identified ventilation principles and tactical considerations.
10. Using the command sequence cycle, develop a ventilation action plan based on the incident presented.
11. Select appropriate rescue tactics based on identified rescue principles and tactical considerations.
12. Using the command sequence cycle, develop a rescue action plan based on the incident presented.
13. Understand the incident support activities that are necessary to promote safe fireground operations before, during, and after a fire.
14. Understand the necessary safe practices that need to be implemented during overhaul operations.
15. Identify the principles of water supply and tactics for establishing water supplies using municipal sources, static sources, and portable sources.
16. Identify the principles and tactics to achieve salvage.
17. Explain the correct procedures and select the appropriate size hoselines for attaching to a fire department connection.
18. Describe the procedures for deployment of a hoseline from a standpipe system.
19. Using the command sequence cycle, develop a water supply action plan based on the incident presented.
20. Using the command sequence cycle, develop a salvage action plan based on the incident presented.

Questions/Comments: Contact PSFA Assistant Administrator