



# Pennsylvania State Fire Academy

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## Minimum Standard for Accreditation (MSA)

July 1992

Revised 02 06

**Course Title:** Managing Company Tactical Operations:  
Preparation (MCTO-P)

**Length of Course:** 16 Hrs

**Lecture/Lab Breakdown:** 16/0

**Prerequisites:** ELIF or EBM or Certification as Fire Fighter I

**Referenced Texts:** NFA MCTO-P Instructor Guide; Student Manual

**Course Goal:** To prepare the student to function as a company officer, by developing the skills required to safely and successfully managing company tactical operations at structural fires.

**Description of Course:** The first in the series of programs designed to meet the needs of fire officers and crew leaders with responsibilities to manage the operations of one or more companies in structural fire fighting operations. This course will provide a basic foundation for the management of one or more companies operating at a structure fire emergency. The focus of these five modules is a review of basic concepts and development of proficiency in critical skills. Key content includes Roles and Responsibilities, Readiness, Communication, Building Construction and Fire Behavior Factors, and Pre-incident Preparation.

**Description of Methodology to be used (Brief):** Combination of lecture, guided discussion, and structured group activities.

**Student Equipment/Supply Needs:** Note taking materials, student manual

**Equipment/Audiovisual/Supply requirements:**

- Classroom -- desks (table and chairs), TV/VCR, projection screen, Slide projector, Easel pad, Markers, Dry erase board, Cassette player.

**COURSE OUTLINE**  
**(General - Not Detailed)**

<b><u>Time</u></b>	<b><u>Content</u></b>	<b><u>Instructor Requirements</u></b>
0.5	Registration, Introductions	1
3.0	Module 1 – Roles and Responsibilities	1
3.0	Module 2 – Size Readiness	1
3.0	Module 3 – Communication	1
3.0	Module 4 – Building Construction and Fire Behavior Factors	1
3.0	Module 5 – Pre-Incident Preparation	1
0.5	Critique, Exam	1

## MINIMUM STANDARD FOR ACCREDITATION

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**Competency Evaluation Mechanism:** The program will use a series of written exams at the completion of each module (or a single comprehensive exam at the end).

**Course Objectives (specific):** Upon successful completion, the student shall:

1. List the eight components of company officer leadership and explain the importance of transition to company officer.
2. Explain the key safety behaviors that impact safe tactical operations.
3. Identify the company officer's responsibility for an organized approach to emergency incident management.
4. Prioritize values and describe their relationship to incident management and fire fighter safety.
5. Describe the five elements of company readiness and explain the importance of each element.
6. Develop a personal plan for improving company readiness.
7. List four benefits of effective incident communications and explain the importance of each.
8. Apply the communications model to practical incident communications when given a scenario.
9. List the five classifications of buildings and explain the characteristics of each classification.
10. List and explain the critical fire behavior factors that relate to tactical operations for an assigned fire scenario.
11. Calculate required fire flow for structures using the National Fire Academy Fire Flow Formula.
12. Given the required fire flow for a structure, estimate the personnel required for offensive operations.
13. Given a scenario, properly complete a National Fire Academy quick Access Prefire Plan.

**Questions/Comments: Contact the Curriculum Specialist**