



# Pennsylvania State Fire Academy

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## Minimum Standard for Accreditation (MSA)

July 1992

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**Course Title:** Employee Safety and Extinguisher Training (ISET)

**Length of Course:** 3 Hours

**Lecture/Lab Breakdown:** 2/1

**Prerequisites:** None

**Referenced Texts:** IFSTA "Industrial Fire Protection", 1st edition; "Essentials of Fire Fighting"; 2nd edition; NFPA "Fire Protection Handbook", 17th edition.

**Course Goal:** Students completing this course will be able to properly and safely react to a fire in their work place.

**Description of Course:** This course may be used to train new employees in their fire safety responsibilities or to refresh current employees in those same duties. Topics covered will include evacuation, extinguisher selection and use, and basic fire prevention information. Hands-on extinguisher use is a part of this course.

**Description of Methodology to be used: (Brief)** A combination of lecture, demonstration, and supervised student practices. This course is generally not applicable to students from a wide variety of occupancies. The class should be occupancy specific, or at least consist of students from the same general occupational background (i.e. health care, facility maintenance, office workers, etc.). Maximum class size is 20 students; additional students will require more time for practical extinguisher use.

**Student Equipment/Supply Needs:** Pen/Pencil, Notebook; appropriate safety equipment for extinguisher exercises (eye protection as a minimum).

**Equipment/Audiovisual/Supply requirements:** Classroom with sufficient seating; chalkboard or flip chart; AV equipment sufficient to support AV's selected by instructor or educational training agency; clear area for extinguisher use, with safe container for fuels; fuels selected by instructor based on occupancy hazards; sufficient extinguishers to permit use of each type of extinguisher needed by each student.

continued

MINIMUM STANDARDS FOR ACCREDITATION

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

<b><u>Time</u></b>	<b><u>Content</u></b>	<b><u>Instructor Notes</u></b>
:15	Introduction; Basic Fire Science	
:15	Evacuation	
:15	Basic Fire Prevention	
1:00	Extinguisher Selection and Use	
1:00	Practical Extinguisher Drills	
:15	Course Summary	

**Competency Evaluation Mechanism (Brief description-attach copy):** Directed questioning during classroom work; instructor observance of student performance during extinguisher exercises.

**Course Objectives (specific):** The student will:

1. Be able to identify the primary hazards to life of a fire in his/her work occupancy.
2. Be able to identify specific fire hazard areas and hazards within his/her work occupancy.
3. Be able to demonstrate survival-oriented actions to sound the alarm, notify emergency forces, and promptly evacuate his/her work occupancy in event of a fire or emergency.
4. Be able to demonstrate methods of assisting other occupants of his/her work occupancy (such as patients, visitors, or customers) to promptly evacuate in event of a fire or emergency.
5. Given a fire of a type likely to occur in his/her work occupancy, correctly select and effectively use a portable fire extinguisher of a type provided in that occupancy.
6. Describe, in basic terms any fixed fire detection/suppression systems present in his/her work occupancy, and the actions required of occupants to activate/use same.

**Questions/Comments: Rita Wessel, Curriculum Specialist: Extension 106**  
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