



Pennsylvania State Fire Academy

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Minimum Standard for Accreditation (MSA)

February 1993

Course Title: Structural Burn Session (SBS)

Length of Course: 16 Hours

Lecture/Lab Breakdown: 4/12

Prerequisites: EBM

Referenced Texts: NFPA 1403

Course Goal: To enable the student to safely attack and extinguish an interior fire in a structure as a member of a single line hose team.

Description of Course: This course will provide the student with a review and application of the techniques used in safe fire fighting practices in an actual fire environment. Emphasis is placed on safety for both interior and exterior operations.

Description of Methodology to be used: (Brief) Lecture/Discussion followed by supervised

Student Equipment/Supply Needs: Full structural protective clothing, S.C.B.A., Notebook suitable for field use.

Equipment/Audiovisual Supply requirements: Classroom, Chalkboard, Screen, Projectors/VCR as chosen by instructor. * Minimum of 2 engines, provisions for 2 independent water sources as per NFPA 1403.

*A great number of audio/visual presentation materials are available on this topic. Instructor may choose those which best fit the course objectives.

Special Conditions: All provisions of the State Fire Academy Live Burn Policy in effect on the date of the class must be complied with fully.

- COURSE OUTLINE (General - Not Detailed)

<u>Time</u>	<u>Content</u>	<u>Instructor Notes</u>
:30	Registration, Introduction	
2:00	Fire Behavior in Structures	
1:30	Interior Fire Attack Methods & Procedures	

continued

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

<u>Time</u>	<u>Content</u>	<u>Instructor Notes</u>
2:00	S.C.B.A. Drill - Live Smoke	
2:00	Hose Advancement/Ladder Practices Review	
:30	Orientation - Safety Briefing	
	1. Assignment of Personnel	
	2. Attack Procedures	
	3. Emergency Procedures	
	4. Personnel Accountability	
7:30	Live Fire Attacks	

Competency Evaluation Mechanism (Brief description-attach copy:) Students will be evaluated during practical exercise.

Course Objectives (specific): At the end of the course the student will demonstrate the following to the satisfaction of the instructors:

1. Demonstrate proficiency in the use of protective clothing and S.C.B.A. by safely operating in a live fire environment.
2. Demonstrate proficiency in the use of hose lines and nozzles by successfully attacking and extinguishing a live fire in the interior of a structure using a direct attack, an indirect attack, and a combination attack as appropriate.
3. Demonstrate a knowledge of fire behavior by properly placing hose lines to initiate an attack with a maximum of effect while maintaining a safe position of hose crews.
4. Demonstrate a knowledge of basic ventilation procedures by using a fog stream to affect forced ventilation after knock down is accomplished.
5. Demonstrate a knowledge of safety procedures by working from a safe position, working in pairs, maintaining contact with his team, and adhering to personnel accountability system.

**Questions/Comments: Contact: Rita Wessel, Curriculum Specialists: Extension 106
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