



Pennsylvania State Fire Academy

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Minimum Standard for Accreditation (MSA)

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Course Title: Ice Safety and Rescue (FCIR) (PA Fish and Boat Commission)

Length of Course: 16 Hours

Lecture/Lab Breakdown: 8/8

Prerequisites: Water Rescue - Phase I (FCWR)

Referenced Texts:

Course Goal: This program is designed to familiarize the rescuer with the safest and most effective method of dealing with an ON or THROUGH the ice emergency.

Description of Course: This class is a mix of classroom and on-the-water practices, dealing with ice emergencies and the safe and effective methods to handle them.

Description of Methodology to be used: (Brief) Combination of lecture, audiovisual presentation, and practical demonstration and exercises.

Student Equipment/Supply Needs: Note taking material, student manuals, appropriate clothing for prevailing weather conditions, a set of warm, dry clothes to change into if they get wet. Helmets and a personal flotation device are desirable.

Equipment/Audiovisual/Supply requirements: Classroom, chalkboard, flip chart, VCR and monitor, overhead projector, slide projector, screen, outdoor water site with ice (farm pond), equipment vehicle with equipment from PA Fish and Boat Commission.

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

<u>Time</u>	<u>Content</u>	<u>Instructor Notes</u>
:30	Introduction, Registration and Course Descriptions	
2:00	Ice Characteristics	
2:30	Proper Dress and Equipment	
2:00	Rescue Techniques - Theory	
1:00	Examination	
4:00	Rescue Techniques - Pool Exercises	
4:00	Rescue Techniques - Ice Exercises	

continued

Competency Evaluation Mechanism (Brief description-attach copy): Written examination and evaluation of physical performance during practical exercises.

Course Objectives (specific): The student will:

1. Define the factors that influence ice formation.
2. List the types of ice and explain how it is formed.
3. Explain what factors determine ice strength.
4. Define the load capacity as it relates to ice thickness.
5. List the proper types of clothing and how to dress when planning to go on the ice for recreation or rescue operations.
6. List the different types of protective flotation devices available and best suited for on-the-ice rescue operations.
7. List required equipment for making a successful ice rescue.
8. List the basic guidelines of assessing an on-the-ice emergency that will allow for minimizing risks and provide for a more effective rescue.
9. Explain and demonstrate the proper way to move across the ice.
10. Explain and demonstrate what to do if he/she falls through the ice.
11. Explain and demonstrate shore assisted techniques used to rescue a victim that has fallen through the ice.
12. Explain and demonstrate a flotation platform (buoy boat on sled device) technique used to rescue a victim that has fallen through the ice or is trapped on thin ice.
13. Explain conditions that would make it necessary to send a rescuer out on the ice to a victim in a go situation.
14. Explain and demonstrate a properly executed go rescue.