

Professional Rescue Innovations

Rope Rescue

PRI offers high and low angle rescue training. These courses will give responders hands-on experience in rope rescue procedures and the content will adhere to NFPA 1006 and NFPA 1670. The purpose of this course is to explain basic strategies to safeguard responders & health and safety when dealing with potential dangers associated with high and low angle rope rescue emergencies. Individuals will gain basic knowledge in tying knots, new equipment, proper anchoring, and proper patient packaging. These courses allow responders to work together to understand the patient needs. Remember we are there for the well being of our customer, the patient.

Technical Rope Rescue: Operations Level

This course meets the requirements for the NFPA 1670 Standard at the Operations Level for technical rope incidents. It is a two-day course. There is 4 hrs. of classroom instruction followed by 12 hrs. of field operations.

Students will learn and practice all areas of rope rescue in a low-angle environment. Students are trained in pre-planning and size-up of rope rescue operations; knots, bends, hitches and anchor systems; belay operations; ascending and descending lines; mechanical advantage systems, raising and lowering systems; and patient packaging and litter attending. Safety of the rescuer, rescue team, patient and bystanders will be stressed at all times.

Equipment Requirements:

- Lightweight climbing or fire helmet
- Sit harness (class II)
- Boots
- Coveralls
- Leather gloves

Technical Rope Rescue:

Technical Level

This two-day course meets the requirements for the Technical Level for the NFPA 1670 Standard for technical rope incidents. This course has two days of field operations. Students will advance from basic over-the-bank rescues to progressively more vertical scenarios. Students are trained in pre-planning and size-up of rope rescue operations; knots, hitches and anchor systems; belay operations; ascending and descending; raising and lowering systems; and patient packaging and litter attending.

This course will also cover advanced problem solving. Safety of the rescuer, rescue team, patient and bystanders will be stressed at all times.

Prerequisite: TRR: Operations Level

Equipment Requirements:

- Lightweight climbing or fire helmet
- Sit harness (class II)
- Boots
- Coveralls
- Leather gloves

Objectives:

Awareness

Size-up of existing and potential conditions where rope rescue operations will be performed.

Identification of the resources necessary to conduct safe and effective rope rescue operations.

Development and implementation of procedures for carrying out the emergency response system where rescue is required.

Development and implementation of procedures for carrying out site control and scene management.

Recognition of general hazards associated with rope rescue and the procedures necessary to mitigate these hazards within the general rescue area.

Development and implementation of procedures for the identification and utilization of personal protective equipment assigned for use at a rope rescue incident.

Operations

Procedures for the selection, construction, and use of rope-based mechanical advantage systems.

Procedures for establishing the need, selecting the proper equipment, and placing edge protection.

Procedures for the safe construction and use of single-point and multi-point anchor systems within the scope of the organization training.

Procedures for the safe selection, construction, and use of appropriate belay system.

Procedures for selection, construction, and use of a lowering system within the scope of the organization training.

Procedures for properly tying any knots used by the rope rescue team.

Procedures for assuring safety in rope rescue operations.

Procedures for appropriately packaging a patient in a litter.

Procedures for the selection, use and maintenance of proper rope rescue equipment and rope rescue systems.

Procedures for selection, construction, and use of a raising system in the low-angle environment.

Procedures for safely ascending and descending a fixed rope within the scope of the organization training.

Procedures for using litter attendants in the low-angle environment.

Technician

Procedures for the safe construction and use of load distributing anchor systems.

Procedures for the selection, construction, and use of a high-line rope system within the scope of the organization training.

Procedures for the selection, construction, and use of a rope-based raising system in a high-angle environment within the scope of the organization & training.

Procedures for passing knots through a rope rescue system.

Procedures for using litter attendants in the high-angle environment.