



TECHNICAL RESCUE PROGRAMS



**CUYAHOGA VALLEY
CAREER CENTER**

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NFPA 1006 Standard for Technical Rescuer Professional Qualifications, 2008 Edition, now requires Chapter 5 and section 5.5 as prerequisites FOR ALL TECHNICAL RESCUE DISCIPLINES.

NFPA 1006, Chapter 5.5, Ropes/Rigging, is a new training prerequisite for all technical rescue disciplines as of 2008.

(4 Days 32 hrs)

Maximum Enrollment: 14

This class is designed to provide the training needed to meet NFPA 1006, 2008 Edition, Chapter 5 Job Performance Requirements, Section 5.5 Ropes/Rigging. It will include a discussion on the inspection and care of rope, criteria for rope retirement, standards for rope and equipment, single point anchoring systems, belaying, simple mechanical advantage systems, victim packaging and litter rigging. Hands-on training will consist of knot tying, basic operation of a brake bar rack, rigging, anchoring, belaying and belaying a falling mass, placing edge protection, directing and setting up raising and lowering systems, and litter work to include functioning as a litter tender in a low-angle operation. As always, the emphasis will be on rescuer safety and participants will learn about system safety factors while conducting system safety checks. **Required equipment: Helmet with chin strap, leather gloves, work or hiking boots, appropriate clothing for the weather.** Personal gear may be used with the approval of the instructor.

LEVEL I ROPE RESCUER (previously known as Operations Level rope)

(5 Days 40 hrs)

Maximum Enrollment: 14

This class is designed to provide the training needed to meet NFPA1006, the Standard for Technical Rescuer Professional Qualifications, and 2008 Edition Level I Rope Rescuer. This course will cover the requirements of Chapter 5, section 5.5 Ropes/Rigging and include the requirements of Chapter 6, Rope Rescue, and Level 1 General Requirements. Level I builds on the training covered in Chapter 5, section 5.5 Ropes/Rigging with the inclusion of locking off and tying off to allow hands-free work in mid-air, constructing fixed rope systems, constructing/using multiple-point anchor systems, building and directing the use of compound mechanical advantage systems, additional knots, victim hasty harnesses, and in-depth lecture. **Required equipment: Helmet with 3-point suspension and chin strap, leather gloves, work or hiking boots, and appropriate clothing for the weather.** Personal gear may be used with the approval of the instructor.



LEVEL II, ROPE RESCUER (previously known as Technician Level rope)

(4 Days 32 hrs)

Maximum Enrollment: 12

This class is designed to provide the training needed to meet NFPA 1006 Standard for Technical Rescuer Professional Qualifications, 2008 Edition Level II, and Rope Rescuer. This course will build on the skills of Level I, Rope Rescuer. The participant will broaden their individual skills through lecture and hands-on training in rigging, anchoring, knot passing in systems and on fixed ropes, and constructing, directing and utilizing high lines. Prerequisite: Level I, Rope Rescuer (previously known as Operations Level rope). **Required equipment: Rescue helmet with 3-point suspension and chin strap, leather gloves, work or hiking boots, appropriate clothing for the weather.** Personal gear may be used with the approval of the instructor.

ROPE ACCESS TRAINING FOR GENERAL INDUSTRY, TACTICAL TEAMS OR RESCUE TEAMS

(4 Days 32 hrs)

Maximum Enrollment: 8

This course is for: Industrial workers accessing structures for repair, modification, maintenance or inspection. Rescue teams who may need to rescue victims in unusual or hard-to-reach locations. Tactical teams who may need to access unusual or hard to reach locations for spotters, snipers, or surveillance. This personal skills class addresses ascending, descending and horizontal traversing of rope, and will increase

one's knowledge of rigging and anchoring. The class also covers self-rescue and the potential for rescue of a fellow worker or team member. Practicing and mastering these skills will allow a worker or rescuer to independently move vertically or horizontally on rope, and allow them to access remote areas of a structure safely and with confidence. Participants should have some experience in working at heights, be in good health, physically fit, and able to handle their own body weight while working on rope. **Required equipment: Helmet with 3-point suspension and chin strap, leather gloves, work or hiking boots, and appropriate clothing for the weather.** Personal gear may be used with the approval of the instructor.



CRANE RESCUE

(1 Day 8 hrs)



Maximum Enrollment: 12

This scenario-based course allows rope rescuers to put into practice the skills they have learned. The class will test the student's rigging and anchoring abilities and will also challenge the rescuer with its unique "exposure factor" of "nothing but air" above and below the rescuer. Rescues are done from various locations on the crane and are performed with teams of 3-6 members. **Required equipment: Rescue helmet**

with 3-point suspension and chin strap, gloves, work or hiking boots and appropriate clothing for the weather. Personal gear may be used with the approval of the instructor. Prerequisite: Level I Rope Rescuer.

TOWER RESCUE SERIES: Levels I, II, III, & Night Tower

The explosive growth of communications towers in this country has created a growing potential for tower rescue. To provide a quick, efficient and safe response, we need to train and educate our rescuers. Students will develop individual skills for tower rescue that will include climbing, traversing, self-rescue and developing individual comfort levels. Information on tower site hazards includes a discussion on EME, RF and electrical hazards along with the unique hazards associated with working at heights. Rescue techniques will be presented that include team-based rescues controlled from the ground and from the tower. Specialized training is required to develop individual and team-based rescue skills along with a strong understanding and awareness of tower hazards.



TOWER RESCUE LEVEL I

(2 Days 16 hrs)

This course is designed to develop the individual skills necessary to perform a basic tower rescue. It includes learning how to ascend, descend, traverse and cross structural members safely while performing a rescue. **Required equipment: rescue helmet with 3- point suspension and chin strap, rescue gloves, work or hiking boots, and foul weather clothing.** Personal equipment may be used with approval of the instructor. Site location may vary and transportation will not be provided. Working heights may vary depending on site hazards and class abilities. Prerequisites: Level I Rope Rescuer (previously known as Operations Level Rope).

Maximum Enrollment: 12



TOWER RESCUE LEVEL II

(2 Days 16 hrs)

This class will include increasingly more complex rescues performed at higher elevations and will utilize both ground and tower-based team rescues. Site location may vary and transportation will not be provided. Working heights may vary depending on site hazards and class abilities. **Required equipment: rescue helmet with 3-point suspension and chin strap, rescue gloves, work or hiking boots, and foul weather clothing.** Personal equipment may be used with the approval of the instructor. Prerequisites: Tower Rescue Level I.

Maximum Enrollment: 12



TOWER RESCUE LEVEL III

(2 Days 16 hrs)

Maximum Enrollment: 9

This class will work at elevations above those of the Level II Tower Rescue class and perform team-based rescues operated from the tower. Site location may vary and transportation will not be provided. Working heights may vary depending on site hazards and class abilities. **Required equipment: Rescue helmet with 3- point suspension and chin strap, rescue gloves, work or hiking boots, and foul weather clothing.** Personal equipment may be used with the approval of the instructor. Prerequisite: Tower Rescue Level II.

NIGHT TOWER TRAINING

(1 Night 8 hrs)

Maximum Enrollment: 12

Tower workers work night and day and tower emergencies have no schedule, so it is critical for rescuers to train under the conditions and unique challenges they may encounter.

Required equipment: rescue helmet with 3-point suspension and chin strap, rescue gloves, work or hiking boots, and foul weather clothing.

Personal equipment may be used with the approval of the instructor. **Special equipment required: helmet light with spare bulb and batteries, and a second source of light that can be used hands-free.** Prerequisites: Tower Rescue Level I and II.



RADIO FREQUENCY AWARENESS FOR EMERGENCY RESPONDERS

(3 hrs)

Virtually every emergency responder has the potential to be exposed to dangerous radio frequency energy and HAZMAT exposure at communication sites. These sites can include equipment for radio, TV, satellite, cellular, two-way radio and other wireless technology. Increasingly these sites are not associated with a telltale tower. Even routine ladder or ventilation operations at a fire in a non-commercial building with a transmitter can put fire personnel at risk. This three-hour classroom course covers site identification, risk assessment tools, resource development and personal protection. Tower-climbing, rescue challenges and solutions will be covered.

Handouts will be provided. Typical attendees include fire, EMS, rescue and SWAT personnel. Special arrangements can be made to tailor the class to specific exposure areas.

Note: This class is also available with series tower rescue modules (Tower level I, II) which provide extensive hands-on training in addition to the classroom-only instruction offered in the course described herein.



**E-mail Richard Haines
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Enroll TODAY!

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Or

Jim Kovach 440-221-3056(cell)



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