



Technical Rescue Training Programs

Technical rescues can occur anywhere. Rope, confined space, trench, ice and water rescue are all presented through dynamic, real life scenarios designed to increase individual and team capabilities.

Confined Space Rescue

Course Number: 301 Certificate Type: Completion
Hours Total: 18 Classroom: 6 Practical: 12
FCC: 0 FPO: 0 OEMS: Yes

This course familiarizes firefighters with the many hazards encountered in confined space rescue operations and prepares them to make proper hazard and risk assessments. The course introduces the equipment and extraction techniques necessary for both vertical and horizontal rescue procedures to the technician level. There are no prerequisites for this course, however preference will be given to students who have completed Rope Rescue: Operational Level. Students will learn both operational and technician level skills addressed in NFPA 1670 and 1006. Students are encouraged to bring an NFPA rescue type helmet, work boots, and leather gloves to the training.

Incident Command Systems for Structural Collapse Incidents

Course Number: 535 Certificate Type: Attendance
Hours Total: 14 Classroom: 14 Practical: 0
FCC: 12 FPO: 0 OEMS: Yes

This 2-day course was designed by the National Fire Academy and describes all aspects of a structural collapse. The program explains the basic command procedures and ICS organizational structure; identifies various resource levels, types and capabilities used for structural collapse incidents; identifies critical factors and issues that affect scene management; describes all response operations phases associated with a structural collapse incident; and describes the technical rescue expertise and equipment required for safe operations and effective incident management. All members of the fire service who may respond to a structural collapse are encouraged to attend.

Rope Rescue: Operational Level

Course Number: 303 Certificate Type: Completion
Hours Total: 24 Classroom: 3 Practical: 21
FCC: 0 FPO: 0 OEMS: Yes

This course gives students considerable time on rope, providing the confidence and skills needed to handle basic rope rescues and slope evacuations. The course prepares students for the Technician Level Rope Rescue course offered by the MFA. This 4-day program includes lecture, demonstration, and practical participant exercises. Students learn both awareness and operational level skills addressed in NFPA 1670. Topic areas include: rope, knots, harnesses, hardware, basic anchoring methods, belay systems, mechanical advantage, ascending/descending techniques, and pickoffs as addressed in NFPA 1006. The course provides a solid rope foundation that is needed in other technical rescue disciplines such as confined space, water, trench, and ice rescue. Students are encouraged to bring an NFPA Class II rescue harness as well as a rescue type helmet, work boots and leather gloves to the training.

Rope Rescue: Technician Level

Course Number: 307 Certificate Type: Completion
Hours Total: 24 Classroom: 3 Practical: 21
FCC: 0 FPO: 0 OEMS: Yes

This course builds on Rope Rescue: Operational Level, providing training and practical experience in more advanced rope rescues. This 4-day program includes lecture, demonstration, and practical exercises. Students learn both operational and technical level skills addressed in NFPA 1670. Topic areas include: advanced anchoring, mechanical advantage, knot passing, lowering and hauling, line transfers, slope evacuations, patient packaging and litter management as addressed in NFPA 1006. The fourth day includes artificial high directional anchors and high line systems used in the transport of victims from high elevation to safe areas. Students are encouraged to bring an NFPA Class II rescue harness as well as a rescue type helmet, work boots and leather gloves.

Prerequisite: successful completion of Rope Rescue: Operational Level (303).

Trench Rescue

Course Number: 308 Certificate Type: Attendance

Hours Total: 24 Classroom: 4 Practical: 20

FCC: 0 FPO: 0 OEMS: Yes

This course familiarizes firefighters with the hazards encountered in trench rescue operations and prepares them to make proper hazard and risk assessments. A combination of classroom and practical evolutions introduces rescuers to equipment and extraction techniques necessary for safe removal of victims while preserving the safety of the rescuer. The practical portion of the training uses actual sheeting and shoring operations of unsafe trenches. There are no prerequisites for this course, however preference will be given to students who have completed Rope Rescue: Operational Level. Students will learn the skills outlined in NFPA 1006: Standard for Rescue Technician Professional Qualifications.



Surface Swift Water Rescue Operational

Course Number: 304 Certificate Type: Attendance

Hours Total: 12 Classroom: 6 Practical: 6

FCC: 0 FPO: 0 OEMS: Yes

This two-day course teaches students to safely and efficiently conduct surface water rescue operations in moving water. Students learn to identify river features, perform a size-up, conduct witness interviews, and perform self-rescue techniques. Following the rescue sequence, students effect a shore-based water rescue using line systems in moving water as defined in NFPA 1006 and 1670. This course is conducted in open, moving water. Students are required to bring their own wet/dry suit and foot protection for day two of the course. Cold water rescue suits are not suitable for moving water rescue and will not be allowed.

Surface Ice Rescue

Course Number: 302 Certificate Type: Attendance

Hours Total: 8 Classroom: 4 Practical: 4

FCC: 0 FPO: 0 OEMS: Yes

This course teaches students to identify equipment and techniques used in ice rescue including: performing a size up, conducting witness interviews, performing self-rescue techniques, and effecting a shore-based ice rescue using the GO method as defined in NFPA 1006 and 1670. Students are required to bring their own cold water suits.

