



# Structural Collapse Rescue Training



This 40-hour course trains rescue teams to handle emergency situations that result in building collapses. The curriculum includes aspects of confined space rescue, rope rescue and collapsed structure rescue. Students will demonstrate their ability to perform each skill and all skills will be applied in various scenarios.

As in most rescue training, this course should not be considered as the sole training requirement for performing these types of rescues. Ongoing training and regular practice are required to maintain proficiency and continue to build skills.

## COURSE OBJECTIVES

*At the conclusion of this course, student should be able to:*

- Demonstrate the ability to pre-plan various possible rescues.
- Assess a typical rescue scene and identify the main rescue challenges facing the team.
- Assure the team's safety by identifying and controlling the main site hazards.
- Use simple levers to move heavy objects.
- Tie common knots and hitches.
- Construct various rope rescue systems (e.g., Telfer lines, lowering systems, etc.)
- Construct a variety of shores to stabilize structures (e.g., raker, door, window, etc.)
- Fulfill a variety of roles in various rescue scenarios.

## EVALUATION

Students will be evaluated through verbal feedback, directed questioning, written quizzes, skills demonstration, and scenario participation. All essential skills and knowledge will be evaluated as performed and signed off on a Skill Proficiency Checklist.

## REFERENCE MATERIALS

N.F.P.A. 1670 *Technical Rescue*; N.F.P.A. 1981 *Life Safety Rope & System Components*; OSHA 29 CFR, 1910.146; Cal. State Fire Marshal *Rescue System I & Confined Space Rescue*; D2000 *Confined Space Rescue*; F.E.M.A. *Rescue Specialist Training Manual*'.

## COURSE REQUIREMENTS

All students must bring a hard hat or helmet, gloves, eye protection, hearing protection and appropriate clothing for working in dirty, dusty atmospheres.