



# TRENCH RESCUE

## *Course Description:*

Trench Rescue is a technical rescue operation and can encompass many obstacles during the course of events that will unfold as the event progresses. This course will address operations that involve the location, disentanglement, and removal of victims from underground collapses in trenches and excavations. This course will provide multiple levels of training to the course participant including Awareness, Operations and Technician level training. This course was developed by Jones and Bartlett Publishers.

*Prerequisites:* None

*Textbook:* Trench Rescue, Jones and Bartlett

*Class length:* Awareness – 4 hours, Operations – 16 hours, Technician – 24 hours

Lesson 1 – Consideration for Trench Rescue Operations

Lesson 2 – Trench Rescue Decision Making

Lesson 3 – Preparing the Rescue System

Lesson 4 – Introduction to Trench Rescue

Lesson 5 – Trench Rescue Incident Management and Support Operations

Lesson 6 – Soil Physics and Conditions That Lead To Collapse

Lesson 7 – Types of Trench Collapses

Lesson 8 – Soil Classification and Testing

Lesson 9 – Equipment for Trench Rescue Operations

Lesson 10 – Lifting, Moving & Stabilization

Lesson 11 – Trench Rescue Assessment

Lesson 12 – Hazard Control and Atmospheric Monitoring

Lesson 13 – Gaining Victim Access and Patient Care Consideration

Lesson 14 – Protective Systems in Trench Operations

Lesson 15 – Techniques for Trench Protection

Lesson 16 – Rescue Team Leadership

Appendix A – Note Taking Guide

Appendix B – Sample Trench Rescue Standard Operating Procedure

Appendix C – NFPA 1006 and 1670 Correlation Guide