All courses can be taught onsite at your facility or your employees can join one of our open enrollment classes scheduled throughout the year at the UAB training facility. Call us or visit our web page for dates and to register.

(205) 934-8016
www.uab.edu/wst

Please see our website for upcoming course schedules, or call (20) 934-8016 for more information and registration.
### Why all the Concern About Confined Spaces?

Stated bluntly, confined work areas have a terrible safety record. Such spaces have long been recognized by occupational safety and health advocates as unhealthy and unsafe places in which to work. Examples of common confined spaces include storage tanks, silos, vaults, vats, sewers, rail tank cars, and tank trucks.

According to data gathered by NIOSH, at least 670 fatalities occurred in 585 separate confined space incidents in the United States during the 10-year period from 1980 through 1989. It is worth noting that the data gathered by NIOSH included only deaths due to asphyxiation, poisoning and drowning. Confined space deaths due to electrical energy, explosions, machinery, and other physical hazards were not included, so the actual confined space body count for the decade was probably even higher than these numbers indicate.

It is also worth noting that up to 60% of those who died in confined space incidents entered for the purpose of rescuing others. Some of the would-be rescuers were workers attempting to rescue coworkers, while others were fire, police, or emergency medical personnel who responded to calls. *

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### Confined Space Entry (CSE) (24 hours)

This course is designed for personnel who supervise confined space entries, serve as the attendant for an entry, or enter confined spaces to do maintenance, inspection or repair work. This course also serves as an introduction to confined space rescue for personnel who are assigned to industrial or public sector confined space rescue teams.

#### Course Topics Include:

- Recognition of confined spaces
- Assessing and controlling confined space hazards
- Permitting confined spaces
- Personal protective equipment
- Decontamination
- Control of hazardous energy
- Emergency procedures
- Overview of rescue
- Overview of confined space rescue equipment and systems
- Command and control procedures

#### Problem-Solving Activities:

- Assessing confined spaces and planning for entry
- Completing confined space permits
- Planning for emergencies
- Building rope rescue systems
- Rescue equipment applications

#### Hands-on Activities:

- Using air monitoring equipment
- Donning and doffing SCBAs and SARs
- Team structured entry scenarios
- Positive and negative pressure ventilation
- Basic rescue scenarios and simulations
- Positive and negative pressure ventilation
- Tying knots

#### Course Fee: $495. Discounts available for groups of 15 or more.

See our website for open enrollment dates

[www.uab.edu/wst](http://www.uab.edu/wst)

Call us for additional dates or to schedule a customized offering

This course complies with OSHA’s 29 CFR 1910.146

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### Confined Space Rescue (40 hours)

These courses are designed for industrial and public sector personnel who are assigned to technical rescue teams or others interested in confined space or rope rescue applications. Each course is five days of training with extensive hands-on practice. Call (205) 934-8617 for more information.

#### Course Topics Include:

- All topics covered in the CSE course plus ...
- Rope, hardware and other equipment basics
- Pre-emergency planning
- Rescue team organization/operation

#### Problem-Solving Activities:

- Increase rescuers’ competence and confidence
- Improve ability to safely perform basic confined space rescue operations
- Prevent rescuer injury and fatality

#### Hands-on Activities:

- Basic rigging and knots
- Building rescue systems for hauling/lowering
- Patient packaging
- And other rescue applications

#### Course Fee: $695. Discounts available for groups of 15 or more.

Call us for dates or to schedule a customized offering

Grant funded training is available for fire fighters. Call (205) 934-8016 for details.

Course developed based on applicable requirements from both NFPA 1670 and 1006 and OSHA’s 29 CFR 1910.146

### Instructors:

- **Alan Veasey**: Firefighter/EMT; certified hazmat and confined space instructor; MPH Occupational Safety & Health
- **Sam Hansen**: Battalion Chief with 29 years rescue and 14 years command experience; BS Fire Science; CET, EMTP
- **Ted Krayer**: Certified Hazardous Materials Manager (CHMM); BS, Environmental Biology

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