



CONTERRA Rope Rescue Calibration Seminars 2023

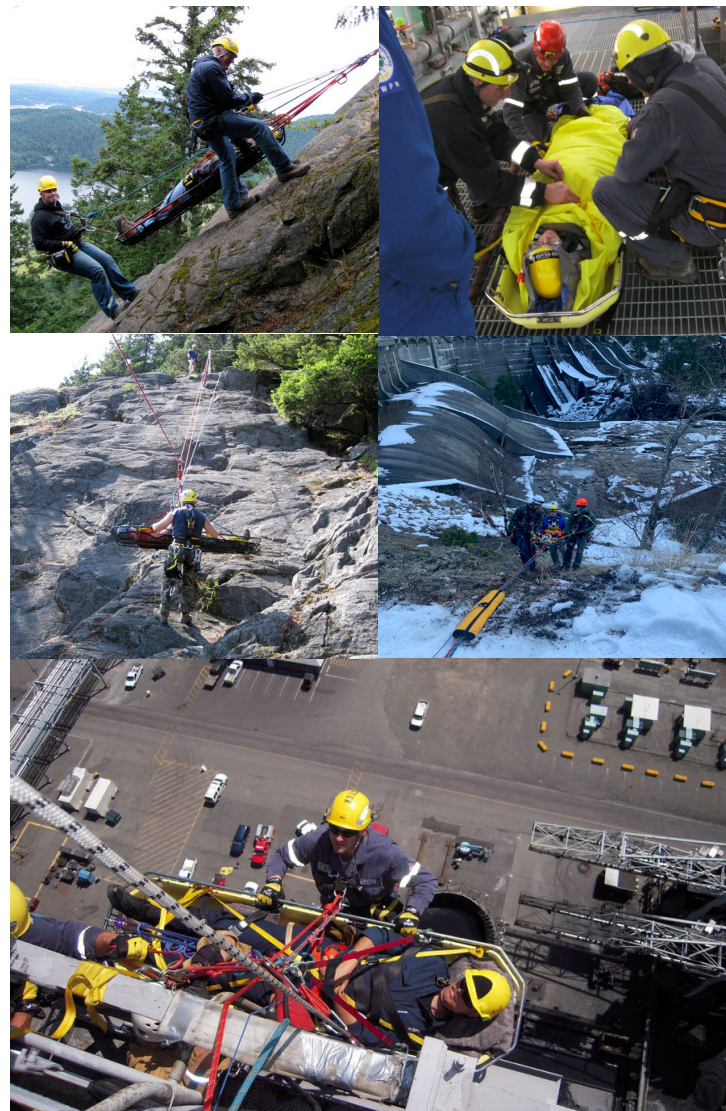


Calibration seminars in Foundations, Level Two, Level Three and Foundations for Instructors (Taught by Master Instructor, Rick Lipke)

Conterra Inc. is offering calibration seminars in Technical Rope Rescue, open to professional rescuers who want to improve their understanding and capabilities in this rapidly evolving field.

If your team needs a tune up and/or gain experience with DCTTRS systems, then these seminars are for you! These seminars reflect the most current research and practices from Emergency Management British Columbia, as well as the Fourth edition "Technical Rescue Riggers Guide" by Rick Lipke, with contributions by Kirk Mauthner.

These Seminars will be taught by internationally recognized author, researcher and rescue practitioner, Mr. Rick Lipke. Don't miss this rare opportunity to learn from the man who literally "wrote the book" on modern rope rescue.



Does your team know the difference between "Twin Rope Systems", Two Tension Rope systems", Mirrored Systems", and DCTTRS Systems"? If not, its time to update your training!

All courses are "instructor level" seminars, but are open to anyone with interest in honing their skills. New students will receive an excellent skill base for rope work, while seasoned instructors will tune up their skills and update information to keep their teams current with what top teams are doing from around the world. *Unlike other rote based courses that simply show techniques, Mr. Lipke and his instructors teach the concepts behind the skills. This allows students and instructors to learn the "whys" of rope rescue, making them safer more effective practitioners.*

Open courses are taught once a year in Anacortes WA. You may also have a course brought to your location anywhere in the world. Please contact us for a quote.

The **Foundations** course is the starting point for all students, regardless of experience level. The Foundations course can be taken alone, but is designed to dove tail in with our level Two and Level Three courses to give the most advanced level of rope rescue training available today. Students who successfully complete the Foundations course will be certified as Conterra Level One Rigging Technicians, as well as certification at **NFPA Operations Level*** for rope rescue. Successful completion of **level Two course** will carry a Conterra Level Two Rigging Technician Certification as well as an **NFPA Technician level*** certification. Successful completion of **level Three course** will carry the **Conterra Rigger Certification**, the culmination of 120 hours of training. **"Foundations for Instructors"** focuses on how to teach basics to team members, and is designed for anyone instructing or taking a leadership role in a technical rescue organization.



Foundations (Level One) Seminar-

Prerequisites- None

Time- Four days (40 hours) - June 5-8

Skill Topics Include:

- Personal rigging skills
- Purcell Safety system
- Basic knots and anchors
- System "package" approach
- DCTTRS Rope Systems
- Mass transference
- Pulley systems
- Moderate, Steep and high angle lowering
- Patient Packaging
- Guiding lines
- Moderate, Steep and high angle raising
- Rappelling and ascending

Lecture Topics Include:

- Rescue overview/concepts
- Rescue Equipment
- Mechanical advantage systems.
- Critical Thinking in Rope Rescue
- Rescue Research & History
- Guiding Line Theory

Course Layout- The Seminar is designed with the early mornings devoted to classroom lecture, with support by slides, overheads, and videos. Late morning is devoted primarily to hands on skill station practice of the techniques and issues presented during the lecture. Afternoons are spent in the field, performing the skills in a real (but controlled) setting. There is a homework assignment in the work book for each day to help reinforce the days topics. Extreme care is taken to ensure a high degree of safety during all portions of the programs. Students receive a "work book" copy of all lecture materials, as well as a copy of "Technical Rescue Riggers Guide", (students will also receive 10M of 6mm cord for Purcell Prusiks).

Progressions (Level Two) Seminar-

Prerequisites- Conterra Level One Seminar. Acceptable alternatives: Base Camp Rescue Canada, Rigging For Rescue Colorado, Ropes That Rescue, Arizona.

Time- Four days -June 12-15

Skill Topics Include:

- Advanced Guiding lines
- Floating focal pt / Spanned Anchors
- Panorama Pickoff
- B.C. Pickoff
- Artificial High Directionals
- Long term packaging
- Picket work
- Pike and Pivot Technique
- DCTTRS Techniques
- Highlines
- Tilt Lift Rigging

Lecture Topics Include:

- Intermediate Anchors
- Pick Off Theory
- Physics 1
- Edge Management
- Physics 2
- Highline Theory

Course Layout- Same as above, except student are expected to bring their own set of Percell Prusiks. If students need to rebuild their Prusiks, they should call ahead so that we can provide the correct cordage.

Explorations (Level Three) Seminar-

Prerequisites- Conterra Level Two Seminar.

Time- Four days (40 hours) - June 19-22

Skill Topics Include:

- Lateral Guiding lines
- Improvised Techniques
- Reeve Lines
- Extreme Highlines
- Mid Face Transitions
- Deflected Pull Aways

Lecture Topics Include:

- Advanced Anchoring
- Improvised & Alpine Rescue
- Rescue Physics 3
- Medical Aspects of rope rescue
- Reeve theory
- Extreme Highline Theory
- Physics 4

Course Layout- Same as above, However, the advanced nature of the techniques may require more time in the field. Additionally, The students needs may cause technique focus to shift (i.e. industrial workers will not need to focus on alpine work etc). Depending on student skill level, there is a possibility of a MAJOR OPERATION at the end of this course.

Foundations For Instructors-

(This is one of our most sought after programs. In this course we work on exactly how to teach basics to team members, and is designed for anyone instructing or taking a leadership role in a technical rescue organization. This is typically the first course to fill up, so contact us ASAP if you are interested in participating)

Prerequisites- Must have a solid background in technical rope work. Please email experience.

Time- Four days (40 hours) - May 30-June 8

Skill Topics Include:

- All topics from the Foundations Seminar, but with the emphasis on how to present them as well as educational "tricks of the trade"
- More advanced physics lectures not covered in normal Foundations seminars.
- Training mini topics for attendees to teach.

Course Layout- Same as Foundations course, but with slightly longer days. Students receive a "work book" copy of all lecture materials, a copy of "Technical Rescue Riggers Guide" as well as a copy of Conterra's "Teaching Tips For Instructors".

Prices and Registration

(Food, transportation and Lodging are the responsibility of the student)

Foundations Seminar
• \$900.00

Level Three Seminar
• \$900.00

Level Two Seminar
• \$900.00

Foundations for Instructors
• \$900.00

You may sign up two ways:

WEB- Go to www.conterra-inc.com click on “Calibration Seminar” located at the bottom of the left hand menu. Add the seminar(s) to your cart and check out.

Phone- You can call Conterra during business hours and sign up over the phone at 360.734.2311

These courses typically fill up quickly, so if you are interested in attending, please don't delay. Call or click in your application ASAP.



Agencies that have utilized this training include:

- Mountain Rescue Association
- British Petroleum
- Federal Bureau of Investigation (National Hostage Rescue Team)
- United States Air Force Para-Rescue Team
- New York State department of Ecological Conservancy
- Adirondak Rock and River Guide Service
- Kentucky State Fire Academy
- National Park Service
- National Ski Patrol
- Sierra SWAT Challenge
- Alameda County Sheriffs
- Tosco Refining & Marketing
- Bolivian Federal Civil Defense
- Wilderness Medical Associates
- Alcoa Aluminum
- Hand on Training
- Aero-Methow Rescue
- Rainier Mountain Guides Inc.
- Army Corps of Engineers
- Seattle City Light
- Department of Transportation
- Urban Shield
- Mountain Guide Service, Taiwan

NOTE REGARDING NFPA- Attention Firefighters;

Although these courses easily exceed NFPA 1006 (2021 ed) guidelines, some skills and techniques suggested in NFPA 1006 may be modified or omitted from these courses because Conterra deems them to be either obsolete, educationally unsound, or superseded by safer and better understood techniques. Conterra reserves this right in order to ensure the highest quality, most up to date courses possible.

1600 Kentucky Street, Bellingham WA 98229
• P 360.734.2311 • F 360.738.2241 • W www.conterra-inc.com • E info@conterra-inc.com

ABOUT YOUR INSTRUCTORS



Conterra's instructors are a rare breed. Not only do they have decades of experience teaching technical rope rescue all over the world, they also have performed literally hundreds of actual rescues. The depth of knowledge gained not only from teaching in diverse situations but also real rescue events makes them uniquely effective instructors. In addition, Conterra's instructors are actively involved in research, development and testing of both rescue gear as well as techniques, keeping them at the forefront of rescue theory and practice.

LEAD INSTRUCTOR



Rick Lipke

Rick Lipke is an internationally known expert on rope rescue. He has been involved in emergency pre-hospital care and technical rescue for over 40 years. He has taught courses in wilderness/urban emergency care and high angle rescue programs throughout the world. He is a technical advisor and field team leader for Washington Mountain Rescue. He trains alpine ski patrols in the North Cascades. Rick holds several patents on unique rescue equipment that he has invented, including the SCARAB® rescue tool. His [Technical Rescue Riggers Guide](#) is used by teams all over the world in several languages and is considered the seminal work of it's kind. An active climber and mt. biker, he lives in Bellingham, WA



ASSOCIATE INSTRUCTORS



Chuck Foster

Chuck is a senior instructor for Conterra, teaching both industrial and general rescue courses. He works as a field team leader for Bellingham Mountain rescue, performing several rescues a month in front country, wilderness, and alpine settings. Chuck is a highly experienced back country skier, Tri-athlete and climber. He lives in Bellingham, WA



Rune Pedersen

Rune has been teaching with Conterra for over twenty years. He spent many years as a Ski patroller as well as an active field team leader for Skagit Mountain Rescue Unit. He regularly trains in urban, industrial, and wilderness/ alpine settings. Rune has acted as a technical rope consultant for the Urban Shield Program. He lives in Stanwood WA.



Peter Ellis

Peter is an extremely experienced rescuer. Until recently he was a senior Climbing ranger for Mount Rainier National Park, where he performed many dozens of rope and Helo based rescues every season. He is currently a paramedic for a local department, and works with a fire based technical rescue program. He has climbed Mt Rainier over 150 times! He lives in Bellingham WA.



Ottis Buzzard

Ottis started his public safety career as a Firefighter/captain. in Twisp WA. He moved on to being a Sheriff's deputy. He currently is a K-9 specialist with Wasilla P.D. in Alaska. Ottis developed and ran one of the most active technical rescue groups in the Western United States. He lives in Wasilla AK.



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Technical Rope
Rescue Seminars