



SierraRescue.com • info@sierrarescue.com • 530-902-6122

Technical Rope Rescue: Technician Level

The Technical Rope Rescue Technician Level Class is a six-day intensive study in technical rope rescue. The class combines skills to prepare rescuers to operate in low-, mid-, and high-angle/vertical rope environments. We believe in training rescuers who can not only build and operate rope systems but also understand the forces involved, how they are applied, how to troubleshoot problems, and how to access subjects in a variety of situations.

Many students in our TRR-TL classes are rope rescue professionals, firefighters, mountain guides, and personnel aiming to become “Technician Level” responders. To become an NFPA technician in Water and Rope, rescuers must complete the TRR-TL, SRT-I, and SRT-A. No rope experience is needed to enroll in this class, and we guarantee you will enjoy it and learn a lot!

Duration: six days

Prerequisite: 18 years old

WHAT TO BRING!

- Good boots: for varied terrain, including hill sides and rock
- Helmet: Climbing type or swiftwater
- Harness: waist or full body is fine
- Gloves: Dexterity is as important as protection. Comfortable gloves that you can still tie knots and hitches with.
- Snacks and water; You will need snacks and water for all the days. Please bring your lunch with you!
- Clothing: The weather could range from sunny to rainy. Please be prepared for all weather conditions, as we will be outside for the entire class!

These items are highly recommended but not mandatory:

- Personal carabiners: 3-4 aluminum, locking carabiners
- Cordage: (If you bring the cordage, you will walk away from this course with what you need to go up and/or down a rope)
 - To make your own Purcells: 35 feet of 6mm



- For an edge tender line: 35 feet for 8mm (Not as important as the 6mm. Again, this is to add to your PPE). We have plenty of edge tender lines, but this is something you will keep and include in your tech pack.
- Personal Rope Tech gear such as: petzyl id, scarab, rappel device, etc.

BASIC COURSE OUTLINE:

- Introduction: Training standards and legislation, equipment, and planning
- Risk Assessment, incident management, and communication
- Knots
- Anchors
- Patient packaging
- Proper belay techniques
- Raising and lowering system set-up
- Mechanical advantage
- Steep angle evacs
- Litter tending and set up
- Raising and lowering systems
- Piggy back mechanical advantage and lowering systems
- Problem solving
- Scenarios involving patient access and evacuation in the steep environment
- Ascending and rappelling with different devices
- Passing knots on the raise and lower and on the ascent and descent.
- Litter packaging and raising and lowering in the vertical environment
- Pick offs in the vertical environment
- Catching a falling load with the belay
- High Line Systems
- Litter Lowering from High to Low
- Setting up a Highline with a Mid-point drop

The goal of every day is to keep you moving and learning. You will either be belaying, tending a litter, or on the rope yourself. This is a dynamic and active class!

Please feel free to contact us directly if you have any questions that you need answered before the class! Thanks for registering for this class, and we look forward to seeing you soon!

