

# Advanced Rope



The Advanced Rope Rescue Course is New Zealand's leading edge rope rescue course – it is a thought-provoking and captivating look into rigging and rescue systems.



## The essentials

The Advanced Rope Rescue Course is ideal for rescue team members, leaders and instructors wanting to expand into demanding rope rigging and rescue practices. The course covers the majority of what wilderness, emergency services and industry rope rescues demand.

The course covers a range of rigging principles that can be employed in many other rope disciplines not just rescue.

As an active course, participants are constantly required to test techniques and strategies explored in theory sessions.

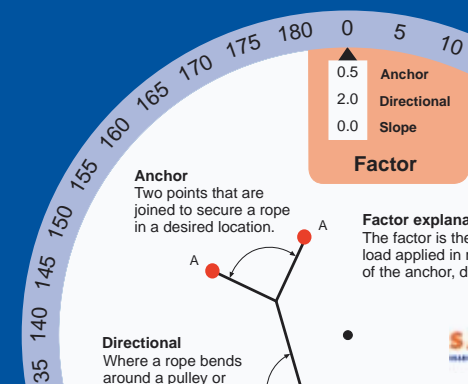
This is not a beginning rope rescue program meaning experienced practitioners need to be prepared to work hard to get the most out of sessions.

## Why

Unique to rope and rescue courses, the Advanced Rope Rescue Course focuses on why we do something as a fundamental to the techniques we employ.

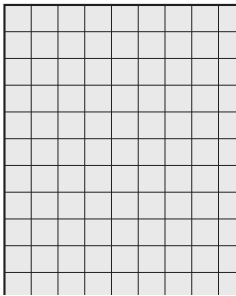
The course includes sessions on intermediate physics and how it relates to rope rigging as well as in-depth exploration of advanced rope rescue techniques.

We use the 'Vector Forces Calculation Guide', which was developed by SARINZ, to calculate anchor, directional and slope forces from a system point of view.



## KEY

- | MAINLINE
- ⋮ BELAYLINE
- ⊕ BELAY
- ⚡ PRUSIK
- ⚡ BRAKE

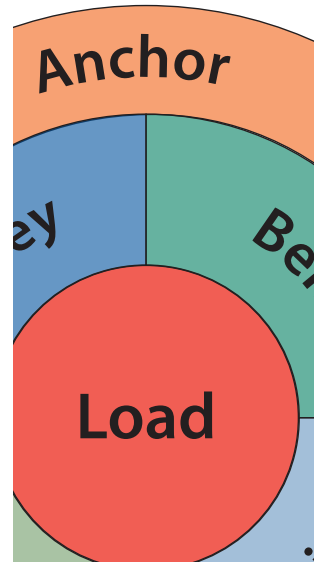


## Simplicity through analysis

Working in teams, participants explore how to build seemingly complex arrangements to reach, treat and extricate a patient from a vertical environment.

These systems are sketched and analysed during the course so that participants truly understand what they are doing.

Throughout the course, emphasis is placed on rope rescue solutions using tools that most teams have on hand: rope, carabiners, pulleys, accessory cord, webbing and know how. The Advanced Rope Rescue Course is a rigging-intensive course that reflects the realities of the real world.



## Testing and systems approach

Unique to this course we use the 6 systems of rope rescue to develop understanding of individual and interrelated functions.

We undertake a hands on testing session where the students get to test commonly held beliefs about their rigging practices. We can either add to an existing set of study data or the students can choose their own session. This information is made available to the student on the SARINZ website at the end of the course.

## What is involved?

### Study:

- Introductory assignment,
- 2 Workshops for theory and practical elements (5 days and 3 days),
- Post workshop assignment

**Prerequisites:** Successful completion of the Vertical Rope Rescue course.

**Participant requirements:** harness, helmet, selection of hardware and software. A complete list of equipment will be supplied upon application for this course.

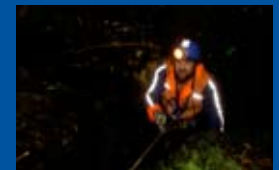
**Additional costs:** This course attracts a site fee which will be advertised at the time of the course. Participants will also need to meet their accommodation, transportation and meal costs for the course.

**Course Numbers:** minimum 10 maximum 14



## Key points

- High Directionals
- Complex Pulley Systems
- Rescue Belay Systems
- Advanced Anchor Systems
- Major Offsets
- Edge Kits With Jiggers
- Analyse Advanced Rope Rescue Systems
- Function In Key Roles During A Technical Evacuation



## Questions?

### Please contact:

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