

CREVASSE RESCUE COURSE

24th – 25th September 2022



NEW ZEALAND
ALPINE CLUB

LOCATION: Theory afternoon in Frankton, Field day at Remarkables

ACCOMODATION: Not included

COURSE FEES: \$200 [\(S included here\)](#)

Who is this course for?

This course is for transalpine trampers, mountaineers or ski tourers looking to enhance or refresher their knowledge of glacier travel and crevasse rescue in order to plan and carry out their own trips over glaciers.

At the end of the course, participants will have an awareness of equipment and safety considerations for roped glacier travel in spring and summer conditions and emergency rescue techniques for roped and un-roped crevasse falls.



[CLICK HERE TO REGISTER ONLINE](#)

At a minimum, those wishing to register for the Crevasse Rescue Course must:

- Have some experience in backcountry tramping or mountaineering
- Have undertaken personal trips on Mount Cook Grade 1+ terrain
- Be competent in the course outcomes detailed in the [NZAC Basic Snowcraft Course Outline](#)
- Be familiar with knots and hitches including rethreaded figure 8, overhand knot on a bight, alpine butterfly, classic and klemheist prusik hitches, Italian hitch (including tying off).

Course Syllabus:

- Rope considerations for glacier travel: single, half/double or accessory chord
- Roping up for glacier travel: Kiwi coils, teams of 2 and 3, pre-rigging, brake knots
- Progress capture options including Microtraxion[®], prusik/pulley or guide plate
- Navigating glaciers theory
- Snow anchors
- Pulley system theory: mechanical advantage and friction
- Companion rescue steps
- Self extraction: ascending the rope, passing knots, back ups, backpack
- Holding a crevasse fall and escaping the system
- Preparing the lip
- Simple pulley systems: 2:1 Assisted hoist and 3:1 Unassisted hoist
- Compound pulley systems: 6:1

Instruction

The course will be run by an IFMGA Mountain Guide with a minimum 1:6 instructor to participant ratio. All participants must agree to follow the instructor's directions.

Course Location and Schedule

The course begins with an afternoon theory session in Frankton on Saturday 24th September (venue TBC). Arrangements will be made to car pool up to the Remarkables Ski Field on the second day for the field day.

Course Fees

The course fees are \$200. Full payment on acceptance secures you a place on the course. Details on payment will be sent in response to an accepted registration.

No refunds will be available should you cancel within 60 days of the course start. Any refunds are not guaranteed and are at the discretion of the NZAC National Office and may depend on whether a replacement can be found.

Food

No food is provided as part of the course. You are required to provide your own meals and snacks.

Accommodation

No accommodation is provided as part of this course.

Gear list

A gear list can be found at the end of this document>

Insurance

We recommend you take out travel insurance and/or personal insurance as part of your preparation for participating on NZAC Instruction courses.

Emergency Situations and Risk Disclosure

The Course Instructors will have Emergency Management Procedures in place and a field communication devices to immediately contact rescue services in the case of an accident or emergency. It is encouraged to take your own personal locator beacon if you own one.

The natural environment and climbing activities can involve risks. While recognising that the course organisers and instructors are doing their best to manage these risks, and agreeing to accept their direction whenever required, you must accept personal responsibility for your own actions and safety. You must also accept to follow the instructions of the Course Leader and other instructors at all times.

All participants on the Course are expected to be as honest and transparent as possible about their experience and fitness as part of their application. If a participant's lack of fitness/ability severely affects the running of the course the participant(s) may be asked to not participate for certain activities. Arrangements may be made to evacuate the participant(s) at their own cost. The instructor is the final arbiter in these decisions.

[**CLICK HERE TO REGISTER ONLINE**](#)

Gear List

Technical gear

- Ice axe: walking axe with classic pick preferred
- Crampons
- Helmet
- Avalanche safety gear (shovel, probe and transceiver)
- Harness
- Snowstake
- Belay device
- 1 long prusik (120cm long when looped) and 1 shorter prusik
- 120cm sling
- 4 screwgate carabiners: HMS or 'Pear' shaped preferred
- Petzl Microtraxion® (or similar): highly recommended
- Rescue pulleys (optional)
- 30m to 60m rope per pair

Other gear

- Backpack with liner or dry bags
- Stiff-soled tramping/mountaineering boots crampon compatible.
- Warm socks
- Soft shell trousers (optional or thermal and overtrouser combo)
- Waterproof overtrousers
- Thermals top and bottoms: polyprops or merino
- Midlayer top: polar fleece or windproof
- Waterproof jacket
- Synthetic (eg Primaloft®) (preferred), down or heavyweight fleece jacket
- Gaiters: calf-length
- Head torch with spare batteries
- Gloves: one warm pair and one working pair eg: gardening or cold workers gloves
- Sunglasses, Sunscreen and lip balm, Ski goggles: recommended
- Beanie, Sunhat and Buff®
- Water bottle 1L to 1.5L and/or thermos
- Personal first-aid kit including personal medication etc.
- Notebook and pen/pencil