

NZAC INSTRUCTION PROGRAMME

BACKCOUNTRY AVALANCHE COURSE

2nd – 5th July 2024



Photo: Keith Munro



NEW ZEALAND
ALPINE CLUB

North Island Course

LOCATION: Tukino Ski Field

ACCOMODATION: Tukino Alpine Sports Club Lodge

COURSE FEES: \$1000 (INC GUIDING, COURSE RESOURCES, FOOD, ACCOMMODATION)

Who is this course for?

This Backcountry Avalanche course, designed by the Mountain Safety Council is for climbers and mountaineers to further develop their knowledge, skills and understanding of avalanches and how to avoid them. It is the perfect course for those regularly traveling in snow-covered alpine terrain.

This course is designed to build upon the knowledge learned through an Avalanche Awareness course or similar.

Participants should be competent in all of the course outcomes from the NZAC's Basic Snowcraft Course (<https://alpineclub.org.nz/sites/default/files/2021-01/NZAC-Basic-Snowcraft.pdf>) and have attended an Avalanche Awareness or similar course in the last 5 years.

Please do not apply if you are not competent in the course outcomes from the NZAC Avalanche Awareness Course and the course outcomes from the NZAC Basic Snowcraft Course.

[CLICK HERE TO REGISTER ONLINE](#)

Course Syllabus:

Avalanche Basics

- Avalanche characteristics
- Identification of avalanche terrain
- Types of Avalanche
- Snowpack
- What is an avalanche path
- Avalanche size
- Transceiver Checks
- Equipment for traveling in the alpine environment

Pre-Trip Planning

- Avalanche Advisory
- Systems and checklists for trip planning
- Weather forecasts
- Snow stability checklists
- Intentions (safety code)

Avalanche Assessment

- Weather
- Snowpack factors
- Recognising Avalanche Terrain
- Human Factors
- Decision making tools

Movement in avalanche terrain

- Safe travel techniques and etiquette
- Route Selection
- Track Setting

Companion Rescue

- What to pack
- Skilful transceiver use

Accommodation:

Accommodation is provided at Tukino Alpine Sports Club. This is dorm style accommodation with hot showers. The lodge is warm and comfortable with a large kitchen and living area.

Accommodation is provided the night before the course starts.



Instruction

The course will be run in a minimum 1:6 instructor to participant ratio, headed by fully qualified and experienced Avalanche Risk Management Level 6 instructors. All participants must agree to follow the Course Tutors instructions and directions. 6 participants maximum per group. The course has a capacity of 12 participants.

Food:

Food for all participants is provided. It is the participants responsibility to arrange the cooking of the food and the cleaning up after in groups. Participants should bring their own snacks for the course and a bag/container to put a packed lunch in. Please note food preferences and dietary requirements on your registration form to assist with meal planning.

Dinner is provided on the Monday night followed by breakfast, lunch and dinner on Tuesday, Wednesday and Thursday. On Friday breakfast and lunch is provided.

Pre Course Learning:

Participants are required to complete a short E-Learning course ahead of the Backcountry Avalanche Course. A link to this will be sent upon booking. Additionally, participants will be sent a copy of the Avalanche Awareness in the New Zealand Backcountry book.

Participants should read and be familiar with this book before the course starts.

Course Assessment:

The course includes a formal assessment of avalanche rescue skills. On successful completion, a Certificate of Competence is issued. Participants also receive a Certificate of Attendance. Participation in the assessment is optional.

Getting there and Course Start:

The access road to Tukino Alpine Sports Club Lodge is rough and **only suitable for high clearance 4WD with snow chains.**

All participants need to arrive at the 2WD carpark by 4pm on Monday 1st July. From here lifts will be arranged in participants 4WD's to the lodge. For details on how to find the 2WD carpark and for what to expect if driving beyond here visit <https://www.tukino.org/getting-there/driving-directions>.

Please note in the course registration form if you can drive others up to the lodge and if you are willing to shuttle people if we don't have enough 4WD.

The course will be finished by 3.30pm on the last day.

Course Fees

The course fees include all instruction, course resources, accommodation and food at Tukino Alpine Sports Club Lodge.

Accommodation on the night prior (Monday 1st July) to the course is also included.

The course fees are \$1000. Payment of a \$500 **non-refundable deposit** on acceptance secures you a place on the course. The remaining \$500 is due by 19th May 2024.

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.

No refunds are due for courses voluntarily reduced in length. If weather and/or conditions require the course objectives/itinerary to be modified no refund is due. Some course costs may be returned if they have not been incurred.

No refunds are due for leaving the course for medical or fitness reasons. Exceptional circumstances may be considered and are at the discretion of the NZAC.



Emergency Situations and Risk Disclosure

The Course Instructor will have Emergency Management Procedures in place and a Satellite phone 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.

Gear list:

Overleaf you will find a full list of the equipment you will need. Some NZAC Sections hire mountaineering equipment. It is the individual participants responsibility to hire and return and kit.

Please be careful purchasing any climbing or mountaineering equipment online. The NZAC recommends kit is purchased from a reputable outdoor retailer. This ensures your kit meets international standards and is not fraudulent. See <https://www.theuiaa.org/uiiaa/is-your-equipment-really-certified/> for more information.

[CLICK HERE TO REGISTER ONLINE](#)

Item	Specification	
Mountaineering Boots	Stiff mountaineering boots with good insulation are essential. Crampons fit well to boots	
Helmet	Rated for mountaineering	
Ice Axe	Mountaineering axe (non technical for general mountaineering)	
Crampons	Must fit boots well and have anti-balling plate	
Avo kit	Modern transceiver with fresh batteries, probe & shovel	
Head torch	Plus spare batteries	
Sunglasses	AS/NZS cat 3-4 preferred	
Ski Goggles		
Sun protection	Sunscreen & lip balm	
Day pack	35-50L for daily trips (this pack must fit all your equipment for a winter's day in the mountains)	
Sleeping Bag	For use in the lodge	
Water Bottle/Thermos		
Personal toiletries		
Personal 1st Aid Kit	Guide will carry a group 1 st Aid Kit. Bring only personal items.	
Personal Medication	E.G Inhalers, Epipens etc.	
Container for packed lunch	Plastic bag or plastic container	
Notebook and Pen	Ideally Waterproof	
Map and Compass	Printed topomap. Compass with a base plate	

Item	Specification	
Insulated Jacket	Down/synthetic (useful for outdoor theoretical sessions) Winter weight.	
Alpine Shell jacket	GoreTex or equivalent	
Alpine Shell Overtrousers	GoreTex or equivalent	
Hat	Warm	
Face Covering / Balaclava		
Windbreaker Top	Softshell	
Thermal tops	Polypro or merino	
Thermal leggings	Polypro or merino	
Outer Glove	Waterproof, insulated articulated gloves. (good quality!)	
Inner Gloves	To be worn under your outer glove	
Socks	Skiing or high cut tramping	
Hut Shoes / Slippers	For use in the lodge	
Jacket or Jersey	Warm midweight wool or fleece.	

Optional extra items:

Item	Specification	
Altimeter		
Inclinometer		
Snow Saw		
GPS		
Poles		
PLB		
Gaiters		

