

Title	Plan, prepare, instruct and evaluate alpine trips for a group in easy alpine terrain up to and including Logan Grade 1		
Level	5	Credits	25

Purpose	<p>This unit standard is intended for people who provide mountaineering skills in easy alpine terrain up to and including Logan Grade 1.</p> <p>People credited with this unit standard are able to: plan and prepare for an overnight mountaineering trip for a group in easy alpine terrain; manage a group mountaineering in easy alpine terrain; apply safety management for a group in an alpine environment; instruct basic climbing skills; demonstrate accepted environmental practices, knowledge and cultural awareness for an alpine area; and evaluate own instruction of a mountaineering trip.</p>
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Classification	Outdoor Recreation > Alpine
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Available grade	Achieved
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Guidance Information

- 1 All learning and assessment leading to this unit standard must be carried out in accordance with the following:
 - relevant legislation including Health and Safety at Work Act 2015, Human Rights Act 1993, Vulnerable Children's Act 2014 and Health and Safety at Work (Adventure Activities) Regulations 2016;
 - Alpine Hiking Activity Safety Guidelines published by Worksafe New Zealand;
 - industry Codes including the Snow Responsibility Code, the Outdoor Safety Code and 'Leave No Trace' principles;
 - a recognised and approved safety management system including organisational policies and procedures including Emergency Action Plans (EAPs), Standard Operating Procedures (SOPs), and the use of personal protective equipment (PPE);
 - current industry good practice.
- 2 Definitions

Current industry good practice means the range of actions currently accepted within the adventure and outdoor sector to manage the risk of harm to staff, participants, and visitors.

Gear includes clothing and footwear.

- 3 Graduates working in avalanche terrain must operate within the terrain and supervision requirements defined by the scope statements set in the draft New Zealand Avalanche Terrain Operating Guidelines for Instructors/Guides, or an audited operational specific equivalent. (see Appendix 1). Further information on the Avalanche Terrain Exposure Scale (ATES) can be found in Appendix 2.

Outcomes and performance criteria

Outcome 1

Plan and prepare for an overnight mountaineering trip for a group in easy alpine terrain.

Performance criteria

- 1.1 Develop an activity plan for a mountaineering trip from aims and objectives including a logical sequence of teaching progression and activities.
- 1.2 Create a trip plan.
- Range route information, planned and alternate routes, estimated times and distances, and any access or consent requirements.
- 1.3 Plan and prepare for safety and risk management.
- Range emergency routes, weather forecast, avalanche hazard forecast, hazard identification or risk management form, intentions, communication devices taken and emergency contacts.
- 1.4 Prepare gear and equipment lists for the group and individual participants and recommend individuals' nutrition and hydration requirements for an overnight mountaineering trip.

Outcome 2

Manage a group mountaineering in easy alpine terrain.

Performance criteria

- 2.1 Prepare the group and carry out pre-trip briefing.
- Range includes – gear and equipment checks, the disclosure of relevant medical information, safety equipment, group safety and emergency procedures.
- 2.2 Assess individuals' ability and adapt trip in response as required.
- 2.3 Manage time in relation to planned trip, group, terrain conditions and weather conditions using instruction techniques, and pacing.
- 2.4 Monitor and manage participants' behaviour and apply a system to keep the group together, and everyone accounted for.

Outcome 3

Apply safety management for a group in an alpine environment.

Performance criteria

- 3.1 Apply risk management strategies during a given trip and adjust plans when required.
- 3.2 Describe the management and assessment of an emergency situation.
- Range includes the procedures for – dealing with an incident or injury in the group, a group member being separated from group, and group becoming lost.
- 3.3 Describe preventative actions for, and symptoms and remedies of, snow-related injuries.
- Range includes but is not limited to – snow blindness, frostbite, dehydration, hypothermia, hyperthermia and sunburn.
- 3.4 Justify emergency group equipment carried for a given mountaineering trip.
- 3.5 Apply risk management strategies during a given mountaineering trip according to the trip plan and make adjustments to trip plan as required.
- 3.6 Observe changes in the environment, clouds, temperature and wind direction to anticipate weather conditions and relate back to the weather forecast.

Outcome 4

Instruct basic climbing skills.

Performance criteria

- 4.1 Instruct a range of basic climbing skills in a suitable location using clear instructions, demonstrations and explanations.
- Range includes – ice axe use for walking and self-arresting; cramponing, and terrain and route choice.
- 4.2 Use a range of facilitation techniques to engage participants in alpine trip and skills sessions.
- 4.3 Provide feedback to participants on basic climbing skills.

Outcome 5

Demonstrate accepted environmental practices, knowledge and cultural awareness for an alpine area.

Performance criteria

- 5.1 Apply minimal impact and sustainable practices.
- 5.2 Role model respect for the environment through the personal application of environmentally sustainable principles.
- Range includes – respect for the tikanga and kawa of local iwi and/or hapū.
- 5.3 Describe and interpret an alpine area.
- Range includes – natural and cultural history, geology, local flora and fauna, responsibilities to landowners and other users including any access protocols and issues.
- 5.4 Manage and monitor physical, emotional, cultural and other needs of the group.

Outcome 6

Evaluate own instruction of a mountaineering trip.

Performance criteria

- 6.1 Collect and evaluate feedback from a range of sources to identify areas of trip planning and management for improvement.
- Range includes – self-review and external feedback.
- 6.2 Evaluate feedback and self-reflect on own performance to identify instruction aspects that require development.

Replacement information	This unit standard replaced unit standard 16633.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 January 2018	31 December 2026
Review	2	25 July 2024	31 December 2026

Consent and Moderation Requirements (CMR) reference	0099
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.