

Title	Instruct or lead alpine climbing skills or trips in moderate alpine terrain up to and including Logan Grade 2		
Level	6	Credits	18

Purpose	<p>This unit standard is intended for people who instruct or lead mountaineering skills in moderate alpine terrain up to and including Logan Grade 2.</p> <p>People credited with this unit standard are able to: plan, prepare, manage and instruct intermediate climbing skills for a group in moderate alpine terrain; critique and manage group safety for an alpine trip; facilitate participants' awareness of industry accepted environmental and cultural practices, and teach them about the alpine related organisations in New Zealand; and review and evaluate instruction of alpine climbing skills.</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.

Moderate Alpine Terrain: Requires the skills of intermediate climbing. Remote terrain with moderate exposure to hazards. Hazards require greater experience to manage with limited but still obvious options for avoidance or minimisation. Seasonal snow with permanent snowfields and/or small glaciers with minor crevassing or obvious

and straightforward route finding options. Often a rope is required to add relative safety to travel. Ropes and harness could be used for pitched climbing or abseiling, glacier travel and crevasse rescue, and short sections of short roping.

- i. Example of this type of terrain: Mt Rolleston via Otira Valley and the Crow Glacier, Arthurs Pass National Park.
- 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.
 - 4 The Alpine programme guidance document should be consulted when developing assessments leading to this qualification. It can be found at www.skillsactive.org.nz.
 - 5 Evidence towards performance criterion 3.3 can be collected under simulated conditions.

Outcomes and performance criteria

Outcome 1

Plan and prepare to instruct intermediate climbing skills for a group trip in moderate alpine terrain.

Performance criteria

- 1.1 Create a trip plan for instruction outlining learning outcomes, purpose, sequencing and progressions.
- 1.2 Prepare a trip plan outlining gear and equipment requirements, route information, activity locations, hazard identification and risk management and emergency procedures.
- 1.3 Perform pre-trip assessment of participants ability to ensure a match to planned outcomes and skill progressions, individual and group gear and equipment.
- 1.4 Prepare and brief participants pre-trip.

Range includes but is not limited to – intended learning outcomes, route information, weather and safety management requirements.

Outcome 2

Manage groups in moderate alpine terrain.

Performance criteria

- 2.1 Apply group management techniques to organise, motivate and engage group and individuals.

- 2.2 Establish rapport and demonstrate the use of leadership styles appropriate to the group and situation.
- 2.3 Manage and monitor participants' physical and emotional well being including nutrition and hydration requirements.
- 2.4 Critique individual participants ability and modify trip and progressions if appropriate.

Outcome 3

Critique and manage group safety procedures and systems for an alpine trip in moderate alpine terrain.

Performance criteria

- 3.1 Apply risk and hazard management strategies during a given mountain trip and adjust plans as required.
- 3.2 Critique risk and hazard management procedures and systems for a given alpine area or organisation.
- 3.3 Manage and control a remote emergency situation including providing first response in cases of an accident, injury, avalanche and a separated group member.

Outcome 4

Teach intermediate climbing skills on moderate alpine terrain.

Performance criteria

- 4.1 Teach skill progressions in a logical sequence through the application of clear demonstrations, explanations, individual critiquing and fine-tuning, and site selection.
- 4.2 Apply group management techniques to organise, motivate and lead a group and individuals on moderate alpine terrain.
- 4.3 Apply a range of pedagogical practices to teach a range of intermediate alpine climbing skills.

Range includes but is not limited to – use of terrain and route-selection; snow, ice and rock movement skills; placing protection for lead climbing; belaying; communication; climbing and descending multi-pitched routes; ice and mixed techniques in top rope setting; anchor building; snow safety and avalanche rescue.

Outcome 5

Facilitate participants' awareness of industry accepted environmental and cultural practices, and teach them about the alpine related organisations in New Zealand.

Performance criteria

- 5.1 Facilitate participants' understanding of minimal impact and sustainability principles.
- 5.2 Facilitate participants' understanding in concepts of tikanga Māori linking to the alpine environments including kaitiakitanga and creation stories.
- Range includes – respect for the tikanga and kawa of local iwi and/or hapū.
- 5.3 Promote mountaineering and alpine climbing practices that contribute to the protection and promotion of Maori/indigenous culture in an alpine area in New Zealand.
- 5.4 Teach participants about flora, fauna, geology and history of an alpine region for a planned trip in New Zealand.
- 5.5 Teach participants about the history and purpose of the major organisations involved in the administration, protection and advocacy of New Zealand's environments.

Outcome 6

Review and evaluate instruction of intermediate climbing skills.

Performance criteria

- 6.1 Evaluate intermediate climbing skills instruction and teaching sessions according to plan.
- 6.2 Review feedback identifying areas for development and improvement.
- Range may include – self-reflection, peer, participants.

Replacement information	This unit standard replaced unit standard 14219.
Planned review date	31 December 2022

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 January 2018	N/A

Consent and Moderation Requirements (CMR) reference

0099

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Skills Active Aotearoa Limited info@skillsactive.org.nz if you wish to suggest changes to the content of this unit standard.