

Title	Demonstrate basic alpine skills on low-angled mountain terrain		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to demonstrate: avalanche awareness; movement skills on low-angled mountain terrain; and skills to enhance personal safety on a snow slope on low-angled mountain terrain.
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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 within this standard must be carried out in accordance with the following as relevant:
 - Te Tiriti o Waitangi/Treaty of Waitangi principles of partnership, protection and participation;
 - relevant legislation including Health and Safety at Work Act 2015, Health and Safety at Work (Adventure Activities) Regulations 2016, Privacy Act 2020, Children’s Act 2014 and Human Rights Act 1993, and all subsequent amendments and associated regulations;
 - *The New Zealand Curriculum* and/or *Te Marautanga o Aotearoa*; EOTC Guidelines – Bringing the Curriculum Alive 2016;
 - industry guidelines, including any relevant Good Practice Guide, found at <http://www.supportadventure.co.nz/good-practice/good-practice-guidelines/> and Activity Specific Guidelines, found at <http://www.supportadventure.co.nz/good-practice/activity-safety-guidelines-2/>;
 - industry codes such as the Mountain Safety Council Land Safety Code, available from <https://www.mountainsafety.org.nz/land-safety-code/> and Leave No Trace principles and relevant Care codes, all available from <https://www.doc.govt.nz/parks-and-recreation/know-before-you-go/care-codes/>, and any relevant activity specific industry codes;
 - a Safety Management System (SMS) including organisational policies and procedures covering risk management, incident and emergency response, 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 others.

Low-angled mountain terrain is snow covered terrain, with less than a 20-degree angle, safe run-out zones and no possibility of avalanche danger.

Outcomes and performance criteria

Outcome 1

Demonstrate avalanche awareness.

Performance criteria

- 1.1 Describe signs of potential avalanche danger.
- Range includes but is not limited to – terrain, slope angle, weather change, recent avalanches.
- 1.2 Describe places to avoid when there is avalanche potential.
- 1.3 Describe the levels of the Avalanche Danger Scale.
- 1.4 Obtain an avalanche advisory forecast for the trip location.

Outcome 2

Demonstrate movement skills on low-angled mountain terrain.

Performance criteria

- 2.1 Demonstrate skills for walking on snow on low-angled mountain terrain.
- Range includes – walking techniques for ascending, traversing, and descending;
may include –use of crampons.
- 2.2 Demonstrate snow travel skills using an ice axe.
- Range ascending, traversing, descending.
- 2.3 Manage clothing and equipment safely and efficiently.
- Range includes but is not limited to – helmet, ice axe.

Outcome 3

Demonstrate skills to enhance personal safety on a snow slope on low-angled mountain terrain.

Performance criteria

- 3.1 Cut steps with ice axe to enhance stability.
- 3.2 Create a level platform by stomping on a snow slope.

3.3 Perform self-arrests on a snow slope.

Range with and without ice axe.

Replacement information	This unit standard and unit standard 18133 replaced unit standard 4585.
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Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 March 2001	31 December 2023
Review	2	20 April 2004	31 December 2023
Review	3	28 October 2021	N/A

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>.

Comments on this unit standard

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