



Australian Government

SISOFLD006 Navigate in tracked environments

Release: 1

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Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to navigate in environments which can include tracks or inland rivers according to planned routes.

The unit provides skills to navigate in environments where tracks or inland rivers, natural and constructed features are reliably marked on maps. Tracks are distinct, have signage, with route markers at intersections and where the track may become less distinct. Land based tracks could be graded according to the Australian Walking Track Grading System and might include features of grades 2 to 3.

This unit applies to any type of organisation that delivers outdoor recreation activities including commercial, not-for-profit and government organisations.

It applies to leaders, guides or instructors, who use these skills when leading participants during activities where navigation skills are required.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Field Operations

Unit Sector

Outdoor Recreation

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan for navigation.	1.1.Obtain and become familiar with maps, appropriate for the activity, and features that will assist with navigation at the location. 1.2.Interpret map symbols and information to identify the

- predetermined route in activity plan.

1.3. Identify planned alternative routes to deal with emergencies or changed conditions.

1.4. Select a compass suitable for basic navigation requirements.
2. Navigate a basic route on land or water.

2.1. Orientate map to surroundings with and without use of a compass.

2.2. Follow the planned route using map, route markers, natural and constructed features and compass to assist.

2.3. Use techniques to estimate distance travelled.

2.4. Identify unfamiliar features in the field using map and compass to maintain route.

2.5. Make minor adjustments to route according to prevailing conditions, and navigate using map, route markers, natural and constructed features, and compass as required.

2.6. Use techniques to determine location.

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS	DESCRIPTION
Reading skills to:	• interpret straightforward but potentially unfamiliar information on maps and signage • interpret factual activity plan information in familiar formats.
Numeracy skills to:	• interpret basic numerical data from maps and signage and complete basic additions, subtractions, multiplications and divisions • interpret and calculate degrees, mils and angles.
Technology skills to:	• use a range of technologies to access information about routes.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>