



Australian Government

Department of Education, Employment and Workplace Relations

SROODR002A Plan outdoor recreation activities

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit has been developed for the Outdoor Recreation Industry Training Package. This unit covers the knowledge and skills to independently plan and participate unsupervised in outdoor activities within a team environment in situations where extreme environmental conditions are not likely to occur. This unit addresses the basic principles, knowledge and skills to plan general (non activity-specific) requirements for participation in outdoor recreation activities. Activity-specific aspects of clothing and equipment selection are addressed in activity-specific units. This unit incorporates the unit SROODR001A Apply basic outdoor recreation logistics, and this should be taken into consideration when planning to meet pre-and co-requisite requirements.

Application of the Unit

Not applicable.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Not applicable.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

Elements and Performance Criteria

Element	Performance Criteria
1 1 Make logistical arrangements	<p>1.1 Evaluate the suitability of a range of possible activity sites/locations to select one which is appropriate to personal objectives</p> <p>1.2 Source and apply local area knowledge to assist in the <i>planning process</i></p> <p>1.3 Identify and comply with <i>statutory and organisational procedures</i></p> <p>1.4 Identify and select where appropriate, specific sites within the designated activity location for use with reference to minimal impact on the environment</p> <p>1.5 Identify <i>hazards</i> associated with the activity and implement risk minimisation procedures within the control of the participant during the planning and preparation</p>
2 2 Select and use suitable outdoor equipment	<p>2.1 Identify <i>equipment</i> needs after consideration of <i>contextual issues</i></p> <p>2.2 Identify and evaluate sources of <i>equipment</i> according to needs</p> <p>2.3 Source <i>equipment</i> a suitable time prior to the activity to allow for checking</p> <p>2.4 Check <i>equipment</i> for serviceability to ensure that it is in good working order</p> <p>2.5 Confirm suitability of <i>equipment</i> to individual needs and conditions</p> <p>2.6 Prepare <i>equipment</i> for transportation to activity location in a manner to minimise loss or damage</p> <p>2.7 Use <i>equipment</i> in accordance with operational procedures and/or manufacturer's recommendations to ensure that design limits are not exceeded</p> <p>2.8 Adjust and fit, where necessary, <i>equipment</i> to</p>

- ensure comfort and safety
- 2.9 Monitor **equipment** for wear and damage during use and prior to storage and refer damaged **equipment** to the appropriate person
- 2.1 Store **equipment** in a suitable manner according to organisational procedures and/or manufacturer's recommendations
- 3 **3 Identify, plan and monitor food requirements**
- 3.1 Analyse food requirements and apply this analysis to select and maintain intake, based on principles of nutrition and energy requirements for conditions and type of activity
- 3.2 Ensure menu planning and preparation is appropriate for dietary requirements and personal tastes within the **activity constraints**
- 3.3 Apply knowledge of the range of food products available to select food which is most appropriate based on perishability, packaging and storage considerations
- 3.4 Identify and plan for emergency food requirements
- 4 **4 Identify and plan for water needs and usage**
- 4.1 Calculate fluid requirements, based on the requirements of a particular activity
- 4.2 Identify elements to consider when calculating fluid requirements
- 4.3 Access information on water purification techniques appropriate to the water source
- 4.4 Outline the range of water purification techniques available and demonstrate use of purification resources appropriate to the water source
- 4.5 Prepare water for carrying and storage in a manner appropriate to the activity and to minimise potential breakage of container
- 5 **5 Identify and plan clothing requirements**
- 5.1 Identify causes of heat loss and heat exhaustion /stroke during an activity
- 5.2 Select clothing suitable to the activity, based on consideration of **contextual issues**, as well as a knowledge of the principles of clothing selection and an application of knowledge of the features and

limitations of different fabrics

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|---|---|--|
| 6 | 6 Participate in an outdoor activity | 6.1 Determine and comply with <i>statutory and organisational procedures</i> applicable to the activity and activity site/location |
| | | 6.2 Establish <i>temporary sites</i> , where required, to ensure comfort, safety and minimal impact |
| 7 | 7 Deal with non-routine situations | 7.1 Assess the <i>non-routine situation</i> and establish the need for <i>improvised equipment</i> or techniques |
| | | 7.2 Identify current resources that can be used for improvised techniques or <i>equipment</i> |
| | | 7.3 Ensure consideration is given to the ability to acquire new or additional resources |
| | | 7.4 Evaluate the ability to improvise with current resources whilst maintaining the safety of the activity |
| | | 7.5 Demonstrate the ability to improvise <i>equipment</i> and/or techniques to deal with <i>non-routine situations</i> |
| | | 7.6 Modify the activity, where necessary, to accommodate the use of <i>improvised equipment</i> or circumstances |

Required Skills and Knowledge

Not applicable.

Evidence Guide

The Evidence Guide identifies the critical aspects, knowledge and skills to be demonstrated to confirm competence for this unit. This is an integral part of the assessment of competence and should be read in conjunction with the Range Statements

Critical aspects of evidence to be considered

Assessment must confirm sufficient knowledge of the factors influencing the selection and preparation of equipment and its use, as well as food, fluid and clothing requirements for independent participation in outdoor recreation activities

Assessment of performance should be over a minimum of three (3) different occasions covering all prescribed categories from the Range Statements that are applicable to planning for and participation in outdoor activities independently in conditions as specified in the Range Statements in a range of typical weather conditions at a range of different locations or sites

Assessment must confirm the ability to apply this knowledge and appropriate techniques to

apply knowledge of factors affecting the context in order to plan for safe participation

apply in-depth knowledge of equipment and clothing suitable to different contexts

discriminate between features of relevant equipment and clothing

define requirements for specific needs

select the most appropriate equipment, food and clothing

plan for contingencies

operate independently (as part of a group or team) in both routine and predictable non-routine situations

use knowledge of equipment to select and use that which is most appropriate in different contexts

establish and maintain in a safe manner all categories of temporary site relevant to

	outdoor recreation participation, minimising environmental impact
	maintain personal physiological well-being during activities in a range of typical weather condition
Interdependent assessment of units	<p>This unit must be assessed after attainment of competency in the following unit(s)</p> <p>Nil</p> <p>This unit must be assessed in conjunction with the following unit(s)</p> <p>Nil</p> <p>For the purpose of integrated assessment, this unit may be assessed in conjunction with the following unit(s)</p> <p>SROOPS003B Apply weather information</p> <p>SRONAV002B Navigate in difficult or trackless areas</p>
Required knowledge and skills	<p>Required knowledge (at a level to undertake activities independently)</p> <p>Minimal impact codes and practices</p> <p>Factors that affect physiological well-being to assist in the planning of food, water and clothing</p> <p>Factors affecting the selection of general equipment used in outdoor activities</p> <p>advantages</p> <p>disadvantages</p> <p>construction features</p> <p>cost</p> <p>ability to repair</p> <p>Dietary requirements when participating in outdoor activities, and the types of food which can supply these requirements</p> <p>Types of food available to suit activity constraints</p> <p>Types of cooking apparatus available for use in outdoor activities, their advantages and disadvantages</p>

Clothing requirements for outdoor activities and general principles affecting clothing selection, eg, layering principle, protective clothing

Hazard identification in order to develop and apply risk minimisation strategies

General land management and legislative requirements which may apply to participation in outdoor activities

Use of general equipment in an outdoor recreation context

torches

tents

backpacks

water bottles

Water purification methods and equipment

Effects of weather conditions on performance and requirements

Contents for first aid kits used in outdoor activities

Communication techniques used in outdoor activities

Required skills (at a level to undertake activities independently)

Food preparation in a hygienic manner in an outdoor environment

Cooking on fires/fuel stoves

Communication strategies in an outdoor activity and use of communication equipment

Resource implications

Physical resources - assessment of this unit of competency requires access to

a range of general outdoor equipment, eg, tents, stoves, torches

a range of types of general outdoor clothing, eg, raincoats, footwear, jackets

associated resources and information on typical outdoor activity locations/venues and clothing

Human resources - assessment of this unit of competency will require human resources consistent with those outlined in the Assessment Guidelines. That is, assessors (or persons within the assessment team) must be competent in this unit but preferably be competent in the unit at the level above, i.e., SROODR003A

be competent, as a minimum, in the units SRXFAD001A, SRXRIK001A and SRXEMR001A to ensure adequate risk management during the assessment

be current in their knowledge and understanding of the industry through provision of evidence of professional activity in the relevant area

have attained the mandatory competency requirements for assessors under the Australian Quality Training Framework (AQTF) as specified in Standard 7.3 of the *Standards for Registered Training Organisations*

Consistency in performance

Due to issues such as variations in contextual issues, this unit of competency must be assessed over a minimum of three (3) different occasions in order to ensure consistency of performance over the Range Statements and contexts applicable to applying general principles of independent participation in outdoor activities

Context for assessment

For valid and reliable assessment this unit of competency must be assessed in the context of participation in a real outdoor recreation activity

Assessment of this unit of competence will usually include observation of processes and procedures, oral and/or written questioning on required knowledge and skills and consideration of required attitudes

Where performance is not directly observed and/or is required to be demonstrated over a 'period of time' and/or in a 'number of locations', any evidence should be authenticated by colleagues, supervisors,

clients or other appropriate persons

KEY COMPET ENCIES

Collect, Analyse&O rganise Information	Communic ate Ideas&Info rmation	Plan&Orga nise Activities	Work with Others&in Teams	Use Mathematic al Ideas&Tec hniques	Solve Problems	Use Technology
2	2	2	2	2	2	1

These levels do not relate to the Australian Qualifications Framework. They relate to the seven areas of generic competency that underpin effective workplace practices.

The three levels of performance (1, 2 and 3) denote the level of competency required to perform the task:

Use routine approaches

Select from routine

approaches

Establish
new
approaches

**Collecting,
analysing
and
organising
informatio
n -**

Evaluating
possible
activity
sites/locatio
ns to
determine
the most
appropriate
within the
particular
contextual
issues

**Communic
ating ideas
and
informatio**

n - Liaising
with land
managers
in order to
comply
with
statutory
requirement
s

**Planning
and
organising
activities -**

Planning
equipment
needs,
sources of
equipment
and most
appropriate

equipment
for the
site/locatio
n

**Working
with teams
and others**

- Planning
and
organising
group
equipment
requirement
s

**Using
mathemati
cal ideas
and
techniques**

-
Calculating
food and
water
requirement
s

**Solving
problems -**

Selecting
equipment
and
clothing
which
meets
activity
constraints
(eg, weight
constraints)
but which
adequately
maintains
physiologic
al
well-being

**Using
technology**

- Using

technology
to access
information
about
activity
sites/locations

Please refer
to the
Assessment
Guidelines
for advice
on how to
use the Key
Competencies.

Range Statement

Range Statements

The Range Statements provide advice to interpret the scope and context of this unit of competence, allowing for differences between enterprises and workplaces. The Range Statements relate to the unit as a whole and helps facilitate holistic assessment. In addition, the following variables may be present for this particular unit of competency

RANGE STATEMENT

CATEGORIES

Activity constraints

[all categories]

all factors which may impact upon food and water requirements within a particular activity, including

weight constraints

carrying capacity

cooking method available

water availability

length/duration of activity

temperature/season

budget

Contextual issues

[all categories]

includes all factors which may impact upon the particular activity

season

activity location

time of day

weather

length of activity

participant size and ability

weight constraints of activity

destination

condition of terrain, activity location or medium

group needs

unsupervised

Equipment

[all categories]

includes all aspects of general outdoor equipment required for participation

general outdoor equipment, eg, tents, backpacks, stoves, torches

personal equipment, eg, jackets, raincoats

safety equipment, eg, first aid kit

group equipment, eg, communications

Hazards

[all categories]

potential terrain hazards

environmental hazards

heat

cold

rain

snow

flood

fire

storms

ice

people hazards

equipment failure

Improvised equipment

[all categories]

repaired equipment

protective clothing

shelters

first aid resources, eg, slings, bandages

emergency response resources, eg, stretchers, splints

Non-routine situations

[all categories]

may include

lost or damaged equipment

unseasonal weather conditions

injuries

	emergencies
	communication breakdowns
	phobias and panic in other group members
	characteristics of other group members
	weight
	size
	physical ability
	cultural background
Planning process	[all categories]
	access
	start
	finish
	emergency
	transport
	viability
	weather considerations
	environmental factors
Statutory and organisational procedures	[all categories]
	include
	permits from management authorities
	authority/permission from landowners
	documented operating procedures and organisation/enterprise policies
Temporary sites	[all categories]
	includes sites used as
	rest stops
	activity sites
	temporary or overnight shelter

Unit Sector(s)

Not applicable.