



Australian Government

ICTICT452 Support the implementation of assistive technologies

Release: 1

ICTICT452 Support the implementation of assistive technologies

Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created unit of competency to address in-demand skills needs.

Application

This unit describes the skills and knowledge required to identify opportunities where assistive devices, systems and services can be implemented in organisations and workplace contexts to improve digital capabilities that support inclusion and accessibility for persons with disabilities.

The unit applies to individuals working in information and communications technology (ICT) roles, including inclusion officers, human resource generalists and disability access officers.

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

Unit Sector

General ICT

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Review assistive technologies in organisational accessibility plan (OAP)	1.1 Confirm work brief and tasks according to organisational policies and procedures 1.2 Analyse and discuss the organisational accessibility plan (OAP) and its objectives with required personnel according to work brief 1.3 Evaluate budget for assistive technologies with required personnel according to work brief 1.4 Identify and discuss potential deficiencies in OAP with disability specialists and other required personnel

ELEMENT	PERFORMANCE CRITERIA
2. Recommend assistive technologies	2.1 Research physical environment considerations for human interaction with assistive technologies 2.2 Document characteristics of observed interactions according to work brief 2.3 Research options for assistive programs and technologies 2.4 Confirm that implementation costs of assistive programs and technologies are within budget according to work brief 2.5 Analyse and compare options according to work brief 2.6 Develop recommendations and rationale for proposed implementation of selected assistive technologies according to analysis findings
3. Present recommendations	3.1 Seek and integrate disability specialist feedback on draft recommendations according to organisational policies and procedures 3.2 Seek and implement feedback from required personnel on updated recommendations, where required and according to organisational policies and procedures 3.3 Submit final proposed recommendations to workplace diversity and inclusion personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	• Identifies and interprets technical documentation containing industry-specific terminology
Writing	• Uses technical vocabulary, grammatical structures and appropriate terminology in organisational documents
Oral communication	• Uses listening and questioning techniques for seeking and responding to feedback
Planning and organising	• Develops plans to manage relatively complex, non-routine tasks with an awareness of how they may contribute to longer term operational and strategic goals
Technology	• Demonstrates an understanding of principles, concepts, language and practices associated with the digital world and uses them to troubleshoot and understand the uses and potential

Skill	Description
	of new assistive technologies

Unit Mapping Information

No equivalent unit. Newly created unit.

Links

Companion Volume Implementation Guide is found on VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>

Assessment Requirements for ICTICT452 Support the implementation of assistive technologies

Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created unit of competency to address in-demand skills needs.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- identify and recommend at least three different types of assistive technologies that can be applied in an organisational accessibility plan (OAP)
- provide a sound rationale for each of the three recommended assistive technologies.

In the course of the above, the candidate must:

- apply required organisational policies and procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- functions and features of an OAP
- industry practices and costs related to implementing assistive technologies
- considerations for implementing assistive technologies in different physical environments
- methods to improve workplace digital capabilities to support inclusion and accessibility
- functions, features, capabilities and applications of assistive technologies, including assistive devices, systems and services
- key types of assistive systems, programs and software used in organisations, including:
 - aids, including mobility aids
 - augmentative communication
 - computer access aids
 - sensory aids for individuals with vision impairment and hearing impairment
 - Job Access With Speech (JAWS)

- ZoomText
- Dragon Naturally Speaking
- VoiceOver
- Non-Visual Desktop Access (NVDA)
- semantic hypertext markup language (HTML)
- common methods to identify assistive technologies in organisations
- organisational formats and features of recommendation proposals
- organisational policies and procedures, legislative requirements and guidelines relating to OAP and work tasks, including:
 - privacy
 - discrimination
 - human rights
 - national disability strategy and frameworks.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- industry-recognised assistive technologies
- OAP strategy and objectives
- opportunities for interaction with others
- work brief and organisational policies and procedures required to demonstrate the performance evidence.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>