Australian Government

ICTICT303 Connect internal hardware components

Release: 1

ICTICT303 Connect internal hardware components

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to acquire, install, configure and evaluate system hardware components according to client and user requirements.

It applies to individuals who work with a degree of self-sufficiency and provide support in a range of information and communications technology (ICT) work areas and activities.

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
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify, categorise and distinguish between the different types of internal hardware components	1.1 Identify and categorise the different internal hardware components 1.2 Define the purpose and characteristics of the different internal hardware component categories 1.3 Distinguish between different types of devices within each internal hardware component category
2. Determine components required	2.1 Identify and clarify user internal hardware component requirements according to organisational guidelines 2.2 Organise and record user component requirements, pass on to appropriate person for evaluation and vendor selection

ELEMENT	PERFORMANCE CRITERIA
3. Obtain components	3.1 Contact vendors to obtain technical specifications for the proposed components
	3.2 Assess options and provide recommendations to the appropriate person for final analysis
	3.3 Obtain components to prepare for installation
4. Install components	4.1 Develop plans, with prioritised tasks and contingency arrangements, for the installation of selected components with minimum disruption to clients
	4.2 Liaise with appropriate person to obtain approval for the plans
	4.3 Install and configure components according to plan, installation procedures and organisational requirements
	4.4 Test components for error-free performance, using available technology
	4.5 Identify and resolve identified problems
	4.6 Test and enhance system performance, using knowledge of the system, to meet organisational benchmarks
	4.7 Document the installation and configuration process according to organisation guidelines
5. Evaluate modified system	5.1 Collect client or user feedback and analyse against client requirements
	5.2 Correct identified shortcomings in the system and record actions

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	2.1, 3.2, 4.3, 5.1	• Identifies, interprets and evaluates online and hard copy documentation containing complex ICT related terminology, acronyms and concepts
Writing	2.2, 3.2, 4.1, 4.7	• Uses correct spelling, grammar and plain English together with the ICT specific terminology and diagrams to convey recommendations and

		requirements, and complete organisational documentation
Oral Communication	1.1, 2.2, 3.1-3.3, 4.1, 4.2, 5.1	• Converts highly technical language and terminology into plain English to communicate ideas and plans, and gather feedback from clients • Uses effective listening and questioning techniques and technical terminology to elicit information and make the correct component selection
Navigate the world of work	2.1, 4.3	• Recognises and follows explicit protocols and meets expectations associated with own role
Get the work done	1.1, 1.3, 2.1, 2.2, 3.2, 3.3, 4.1, 4.4-4.6, 5.1, 5.2	• Initiates standard procedures when responding to familiar problems within immediate context • Recognises some general design and operating principles of digital tools and uses these to help when modifying systems and when troubleshooting • Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT303 Connect internal hardware components	ICAICT303A Connect internal hardware components	Updated to meet Standards for Training Packages. Minor edits to clarify intent of performance criteria.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2