Australian Government

ICTICT314 Connect internal hardware components

Release: 1

ICTICT314 Connect internal hardware components

Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Supersedes and is equivalent to ICTICT303 Connect internal hardware components.

Application

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

The unit applies to individuals who may work in responsible roles such as support desk technicians and who provide assistance in configuring internal hardware components in devices.

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. Prepare to install internal hardware components	1.1 Confirm work brief and tasks according to organisational policies and procedures 1.2 Identify hardware installation requirements according to work brief 1.3 Categorise device types requiring installation by characteristics according to work brief 1.4 Determine suitability of devices aligned with hardware components according to work brief
2. Organise components	2.1 Analyse existing internal hardware components

ELEMENT	PERFORMANCE CRITERIA
	2.2 Confirm user component requirements with required personnel
	2.3 Obtain technical vendor specifications for hardware components according to organisational policies and procedures
	2.4 Analyse component options according to work brief
	2.5 Select and source components according to policies and procedures
	2.6 Prepare components for installation according to organisational policies and procedures
3. Install components	3.1 Plan for installation of components with minimum disruption to existing systems
	3.2 Confirm that plan includes prioritised tasks and contingency arrangements
	3.3 Seek approval for installation plan according to organisational requirements
	3.4 Configure hardware components according to plan
	3.5 Test components for functionality and document issues
	3.6 Identify solutions and rectify any issues within scope of own role and according to work brief
	3.7 Test system performance against organisational benchmarks
4. Evaluate modified system	4.1 Review evaluation criteria for internal hardware components according to organisational requirements
	4.2 Seek feedback from required personnel on modified components
	4.3 Implement feedback from required personnel
	4.4 Complete workplace documentation according to organisational requirements

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
Oral communication	• Converts technical language and terminology into plain English to communicate ideas and plans, and gather feedback from required personnel
	• Uses active listening, questioning techniques and technical

Skill	Description
	terminology to elicit information and make decisions
Reading	• Identifies, interprets and evaluates documentation containing complex terminology, acronyms and concepts
Writing	• Uses correct spelling, grammar, plain English, information and communications technology (ICT)-specific terminology and diagrams to convey recommendations and requirements, and complete organisational documentation
Initiative and enterprise	• Identifies and follows established protocols, and meets expectations associated with own role
Problem solving	• Initiates standard procedures when responding to familiar problems in immediate context
Technology	• Understands some general design and operating principles of digital tools and uses knowledge to support modification and troubleshooting of systems

Unit Mapping Information

Supersedes and is equivalent to ICTICT303 Connect internal hardware components.

Links

Companion Volume Implementation Guide is found on VETNet - -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2