



Australian Government

ICTICT445 Connect and configure devices and hardware components

Release: 1

ICTICT445 Connect and configure devices and hardware components

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to install and configure devices and hardware components including mobile devices.

It applies to individuals who use a range of technical skills to configure and connect a device to other devices and maintain system components in a home or workplace environment.

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. Identify devices and hardware components	1.1 Identify and categorise types of devices, including their components and characteristics that require installation and configuration 1.2 Identify and categorise peripheral hardware components that require installation and configuration 1.3 Define purpose, characteristics and suitability of device types and peripheral hardware components according to installation and configuration requirements
2. Plan and configure device components	2.1 Develop and document installation and configuration plan, with prioritised task and contingency arrangements, according to installation and configuration requirements 2.2 Obtain approval for plan from required personnel

	2.3 Install and configure components according to plan, installation procedures and technical specifications 2.4 Test components and confirms error-free, enhanced performance
3. Evaluate modified system	3.1 Evaluate device connectivity according to vendor and technical specifications 3.2 Seek and respond to user feedback and update any identified performance issues 3.3 Evaluate and confirm device changes with client and required personnel 3.4 Document finalised process and outcomes and submit to required 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
Learning	<ul style="list-style-type: none">• Uses each experience to reflect on ways in which variables impact on outcomes and to gain insights into what constitute effective strategies and practices for future work
Numeracy	<ul style="list-style-type: none">• Identifies and interprets numerical data associated with device and component specifications
Reading	<ul style="list-style-type: none">• Interprets and analyses online and hard copy documentation containing complex Information Communications Technology (ICT) related terminology, acronyms and concepts
Writing	<ul style="list-style-type: none">• Uses spelling, grammar and plain English to articulate to audience• Uses ICT specific terminology, diagrams and syntax to convey explicit recommendations, requirements and information
Initiative and enterprise	<ul style="list-style-type: none">• Develops strategies to manage relatively complex, non-routine tasks with an awareness of how they contribute to longer term operational and organisational goals
Planning and organising	<ul style="list-style-type: none">• Identifies implications of organisational policies and procedures when negotiating, planning and undertaking work
Problem solving	<ul style="list-style-type: none">• Responds to familiar problems requiring immediate attention, quickly drawing on past experience to devise solutions
Self-management	<ul style="list-style-type: none">• Keeps up to date with organisational policies and procedures applicable to own rights and responsibilities

Skill	Description
Technology	<ul style="list-style-type: none">Interprets purpose, needs and limitations when selecting devices and applications for different tasks

Unit Mapping Information

Supersedes and is equivalent to ICTICT421 Connect, maintain and configure hardware components.

Links

Companion Volume Implementation Guide is found on VETNet -

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