



Australian Government

ICTSAS218 Obtain and connect hardware peripherals

Release: 1

ICTSAS218 Obtain and connect hardware peripherals

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 ICTSAS203 Connect hardware peripherals.

Application

This unit describes the skills and knowledge required to select and configure hardware peripherals using specifications and technical guidelines suited to the particular organisational context.

The unit applies to individuals who may work in technical support roles and may have some responsibility to solve technical incompatibility issues under supervision, using a wide range of information and communications technology (ICT) skills and knowledge.

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

Unit Sector

Systems administration and support

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. Prepare to connect hardware peripherals	1.1 Confirm work brief relating to work tasks, hardware and peripheral quality standards, work health and safety (WHS) standards, and organisational policies and procedures 1.2 Research and select hardware peripheral components according to work brief 1.3 Select and source configuration components according to organisational policies and procedures 1.4 Confirm that client support expectations are covered by vendor warranty and support services

ELEMENT	PERFORMANCE CRITERIA
2. Obtain hardware peripherals	2.1 Source hardware peripherals and check for serviceability according to organisational policies and procedures 2.2 Update hardware inventory register 2.3 Confirm that delivered hardware peripherals match packing list and resolve any discrepancies 2.4 Store hardware peripherals according to organisational policies and procedures
3. Connect hardware peripherals	3.1 Create and confirm configuration schedule with required personnel 3.2 Remove expired components without disrupting architecture integrity and according to technical guidelines, vendor specifications and WHS standards 3.3 Configure and install new hardware peripherals according to organisational policies and procedures 3.4 Configure device and confirm hardware peripheral functionality according to vendor specifications 3.5 Test hardware peripherals and report any issues 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
Oral communication	• Participates in verbal exchanges of familiar ideas and information using questioning and active listening to elicit views, opinions and feedback from others
Reading	• Interprets textual information from a range of sources to identify and adhere to requirements
Planning and organising	• Plans and implements routine tasks efficiently
Problem solving	• Responds to predictable routine problems and implements standard or logical solutions
Technology	• Identifies the purposes, specific functions and key features of common digital systems and tools, and operates them effectively to complete routine tasks

Unit Mapping Information

Supersedes and is equivalent to ICTSAS203 Connect hardware peripherals.

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 ICTSAS218 Obtain and connect hardware peripherals

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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:

- connect at least three different types of hardware peripherals to one device.

In the course of the above, the candidate must:

- examine and apply vendor specifications and technical guidelines
- seek and apply feedback from required personnel
- 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:

- key types of computer operating systems and devices
- key functions and features of computing components:
 - hardware peripherals
 - inventory registers
 - packing lists
 - configuration components, tools and equipment
 - installation schedules
- help desk and technical maintenance practices
- industry-accepted hardware and software components
- methods for updating and maintaining hardware inventory status
- key organisational guidelines and standards related to:
 - external suppliers and vendors

- internal and external communications
- internet access
- information and data security
- work health and safety (WHS) standards, organisational policies and procedures relating to work tasks.

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:

- a site with a representative range of workstations and internet connection
- hardware, software and components to be installed, connected and configured
- technical documentation, organisational hardware blueprint, technical guidelines, vendor specifications and required WHS standards
- opportunities for interaction with others
- 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

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