



Australian Government

Department of Education, Employment and Workplace Relations

ICAS1193B Connect a workstation to the internet

Release: 1

ICAS1193B Connect a workstation to the internet

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit defines the competency required to connect a workstation or networked computer to the internet. There may be benefit in concurrent learning with the following unit: • ICAU1128B Operate a personal computer The following units are linked and form an appropriate cluster: • ICAT1206B Check site security • ICAU1128B Operate a personal computer • ICAU1133C Send and retrieve information using web browsers and email • ICAU1204C Locate and use relevant on line information • ICAU1213C Conduct on line transactions No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.
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Application of the Unit

Application of the unit	
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Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Determine requirements of internet connection	1.1.Determine the purpose and intended use for the internet connection 1.2.Determine and decide on the type of internet connection needed to fulfil business requirements
2. Create account with internet service provider (ISP)	2.1.Compare and analyse different internet service provider features 2.2.Choose the most appropriate internet service provider based on business requirements and create an account 2.3.Configure the internet connection on the computer using the relevant software
3. Make and test ISP connection	3.1.Select the modem or other connection device based on business requirements 3.2.Install and test the modem or connection device in accordance with vendor instructions and operating system
4. Load browser software	4.1.Select and install internet browser software with consideration to the operating environment 4.2.Configure internet browser software as required by operating system and personal preference
5. Connect workstation to the internet	5.1.Connect workstation to the internet through the existing internet connection and confirm functionality 5.2.Launch internet browser software to enable access to the internet and confirm functionality

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- Operating a personal computer
- Keyboarding skills
- Mouse operation

REQUIRED SKILLS AND KNOWLEDGE**Required knowledge**

- The range of internet service providers (ISPs) and the varying plans, technologies and services they offer
- The range of different internet connections available, including strengths and weaknesses of these options
- Current browser software
- The operation of the world wide web, web pages and directories
- FTP connections

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- Assessment must confirm the ability to connect a workstation to the internet.

To demonstrate competency in this unit the learner will require access to:

- Personal computer
- Internet connection
- Modem or other connectivity device

Context of and specific resources for assessment

The breadth, depth and complexity of knowledge and skills in this competency would prepare a person to perform a defined range of activities many of which may be routine and predictable.

Assessment must ensure:

- Applications may include a variety of employment related skills including preparatory access and participation skills, broad-based induction skills and/or specific workplace skills. They may also include participation in a team or work group.

Method of assessment

The purpose of this unit is to define the standard of performance to be achieved in the workplace. In undertaking training and assessment activities related to this unit, consideration should be given to the implementation of appropriate diversity and accessibility practices in order to accommodate people who may have special needs. Additional guidance on these and related matters is provided in ICA05 Section 1.

- Competency in this unit should be assessed using summative assessment to ensure consistency of performance in a range of contexts. This unit can be assessed either in the workplace or in a simulated

EVIDENCE GUIDE	
	environment. However, simulated activities must closely reflect the workplace to enable full demonstration of competency. Assessment will usually include observation of real or simulated work processes and procedures and/or performance in a project context as well as questioning on underpinning knowledge and skills. The questioning of team members, supervisors, subordinates, peers and clients where appropriate may provide valuable input to the assessment process. The interdependence of units for assessment purposes may vary with the particular project or scenario.
Guidance information for assessment	Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example: - ICAT1206B Check site security - ICAU1128B Operate a personal computer - ICAU1133C Send and retrieve information using web browsers and email - ICAU1204C Locate and use relevant on-line information - ICAU1213C Conduct on-line transactions An individual demonstrating this competency would be able to: - Demonstrate knowledge by recall in a narrow range of areas - Demonstrate basic practical skills, such as the use of relevant tools - Perform a sequence of routine tasks given clear direction - Receive and pass on messages and information - Maintain knowledge of industry products and services

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Internet connection may include:	• dial-up • cable • ISDN • broadband • satellite
Business requirements may include:	• speed of access • money available • technical support required • other specific internet needs
Features may be in relation to:	• cost • connectivity • services • connection type • support
Workstation may include:	• personal computers • networked computers • laptops
Software may include but is not limited to:	• commercial • in-house • packaged or customised software
Connection device may include but is not limited to:	• ADSL modem • cable modem • ISDN
Vendor instructions may include:	• user manual • written instructions from meetings • verbal request • help desk
Operating system may include but is not limited to:	• Linux 7.0 or above • Windows 2000 or above • Apple OS X or above
Internet browser software may include but is not limited to:	• Netscape Navigator • Internet Explorer • Mozilla

RANGE STATEMENT	
	• Opera • Galleon • Phoenix • Konqueror • Lynx
<i>Internet</i>	• An interconnected system of networks that connects computers around the world via TCP/IP or FTP protocols

Unit Sector(s)

Unit sector	Support
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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