



Australian Government

Assessment Requirements for ICTICT501 Research and review hardware technology options for organisations

Release: 1

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Modification History

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

Performance Evidence

Evidence of the ability to:

- analyse and plan approaches to technical problems or management requirements
- access and convey conceptual information regarding emerging technology in relation to organisational needs
- evaluate information, using it to forecast for planning or research purposes
- recommend technology options
- document findings in a report.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe and explain the business planning process relevant to researching technology
- outline and explain client business needs that can be satisfied by the provision of information and communications technology (ICT) products and services
- describe and outline current business practices in preparing reports
- identify and outline current industry and technology information sources
- outline general features and capabilities of current industry accepted hardware, cabling and software products, and identify emerging trends and product design
- discuss equipment performance benchmarking
- identify industry networks, key individuals and organisations within the ICT industry
- identify information gathering techniques
- outline quality assurance practices to promote reliable investigation processes
- identify vendor product directions:
 - access and security products
 - next generation networks

- self-configuring asymmetric digital subscriber line (ADSL) or cable modem-router-switch for the small office/home office (SOHO) market
- wireless standards.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the general ICT industry, and include access to:

- network or computer layout documentation and premises plans
- network components
- equipment specifications
- organisational guidelines
- business plan or model
- journals of industry and professional associations
- relevant standards.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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