Assessment Requirements for ICTTEN809 Analyse business specifications to produce technical solutions

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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:

- research and critically analyse client specifications against accepted industry practices
- produce technical solutions from business specifications
- analyse feedback from client and make adjustments to proposal
- apply design concepts to business solutions
- produce technical reports regarding design of the solution
- make recommendations and offer optimum design solutions
- produce an evaluation document on impact of technical requirements on the business.

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:

- outline business models and tools
- summarise business processes
- explain client business domain, business function and organisation
- explain compatibility issues and resolution procedures
- explain configuration of internet protocol (IP) networks
- establish customer and business liaison protocols
- summarise desktop applications and operating systems
- provide a detailed explanation of documenting technical specifications
- explain linkage between processes
- summarise security protocols, standards and data encryption
- outline technologies:
  - access networks

- core networks
- information and communications technology (ICT) network topologies
- mobile cellular networks
- network protocols and operating systems
- optical networks and principles
- radio frequency (RF) networks and principles.

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 should be typical of those experienced in the Telecommunications – Telecommunications Networks Engineering field of work and include access to:

- client functional requirements
- business specifications
- database software
- simulation software
- organisational guidelines
- network and computer layout
- site design software and hardware
- information on a range of ICT business solutions.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2