Assessment Requirements for ICTTEN602 Undertake system administration

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 2.0.

Performance Evidence

Evidence of ability to:

- prepare a methodology for system maintenance
- produce cost-benefit analysis and training for database optimisation and administration
- review development of training instructions
- conduct system measurements
- develop support processes for system users
- manage user accounts and security procedures
- investigate potential system administration problems and make recommendations.

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:

- summarise back-up systems
- demonstrate a deep knowledge of computer systems
- outline meeting procedures
- outline the common methodology for system administration
- summarise optimisation and administration of a database
- provide a summary of telecommunications monitoring tools
- explain the process for investigation requests and actions
- outline user account security and profiling system.

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 networks engineering field of work and include access to:

- a network for maintenance and analysis of special investigations
- equipment and systems manuals, specifications and enterprise policy.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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