



Australian Government

Assessment Requirements for ICTNPL410 Plan the telecommunications access network for an estate

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:

- implement planning processes including associated monitoring and control mechanisms
- develop effective solutions to address access network shortfalls that satisfy customer and enterprise needs
- develop network plans with consideration of appropriate technological developments and product implementation
- produce accurate forecasts for a specific network including cost-benefit analysis.

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:

- identify and summarise legislation affecting the telecommunications industry
- outline the features of an access network and the influence on:
 - cost estimates and operating budgets according to enterprise policy
 - telecommunications industry in Australia
- describe the theory of project management and associated databases and project management software programs
- describe the process and features of planning for an access network on an estate
- determine the economic and political influences on public and commercial enterprises
- describe the financial authorities and delegations associated with an access network plan
- define the influence of the local and international economic conditions on the telecommunications industry
- describe the typical challenges and limits facing technology today and the consideration of future needs

- describe the process of collating and writing project briefs, reports and project charters.

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 Telecommunications – Network Planning field of work and include access to:

- a network planning area systems and deployment
- rules and standards
- relevant databases
- licensing requirements and other site related procedures.

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>