



Australian Government

Assessment Requirements for ICTTEN403

Assign a transmission path

Release: 1

Assessment Requirements for ICTTEN403 Assign a transmission path

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:

- assess transmission needs for a transmission path according to service request
- select suitable equipment to provide new services
- communicate effectively with stakeholders to meet customer needs
- assess future needs.

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:

- review common customer telecommunications applications and related equipment
- investigate core networks using emerging and converging technologies
- explain current legislation relating to installation of telecommunications equipment and connection to carrier services
- evaluate customer access options and their technical support systems
- describe multiplexing principles and transmission hierarchies
- summarise network and transmission equipment
- outline network topologies, interfaces and interconnect solutions.

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:

- sites where transmission paths can be allocated

- a computer networking facility
- relevant regulatory and equipment documentation
- equipment currently used in industry.

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>