



Australian Government

ICTTEN211 Work effectively in a telecommunications network environment

Release: 1

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Modification History

Release	Comments
Release 1	This version released with ICT Information and Communications Technology Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to prepare for and work within a telecommunications network environment by familiarising oneself with the devices required to work on basic telecommunications networks and by performing information transmissions.

It applies to entry-level workers who undertake basic information transmission tasks on telecommunications networks.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Telecommunications – Telecommunications Network Engineering

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Use telecommunications devices to transmit information	1.1. Verify requirements for information transmission according to work specifications 1.2. Identify and select an appropriate telecommunications device for information transmission 1.3. Determine the appropriate medium to transmit information 1.4. Transmit information to identified recipients
2. Use transmitted information	2.1 Identify and use physical mediums to transmit information across devices and cables 2.2 Calculate physical distance characteristics that may affect each

ELEMENT	PERFORMANCE CRITERIA
	medium used 2.3 Calculate signal losses in relation to medium used 2.4 Connect test devices and record readings
3. Finalise telecommunications tasks	3.1 Complete finalisation report according to enterprise policies 3.2 Submit report to customers and stakeholders 3.3 Clean-up and reinstate site to original condition

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance, but not explicit in the performance criteria.

Skill	Description
Reading	<ul style="list-style-type: none"> Uses explicit strategies to make connections between information and ideas obtained within specifications and manufacturers manuals
Writing	<ul style="list-style-type: none"> Develops material for a specific audience using clear and detailed language in order to convey explicit information for findings report
Oral Communication	<ul style="list-style-type: none"> Participates in a verbal exchange of information by listening and questioning
Numeracy	<ul style="list-style-type: none"> Uses mental and written calculation methods as well we technological tools to problem solve
Get the work done	<ul style="list-style-type: none"> Interprets textual information from technical sources to identify relevant and key information

Unit Mapping Information

No equivalent unit. New unit.

Links

Companion Volume Implementation Guides are available from VETNet -

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