



**Australian Government**

**Assessment Requirements for ICTTEN211  
Work effectively in a telecommunications  
network environment**

**Release: 1**

# Assessment Requirements for ICTTEN211 Work effectively in a telecommunications network environment

## Modification History

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

## Performance Evidence

The candidate must demonstrate the ability to perform the tasks outlined in the elements, performance criteria, and foundation skills, and to:

- determine the basic components used in two telecommunications devices
- identify at least two signal devices and two transmission mediums used in telecommunications system/s in two different situations
- identify two components used in basic switching system/s.

## Knowledge Evidence

The candidate must demonstrate the knowledge required to perform the tasks outlined in the elements, performance criteria, and foundation skills, which includes knowledge about:

- transmission devices used for telecommunications and information capture including:
  - smart phones
  - computers
  - network termination devices
  - ADSL/VDSL devices
  - telephones
  - wi-fi modem/router cabinets
- mediums for telecommunications information transmission including:
  - twisted pair cable and patch chords
  - coaxial cable
  - optical fibre cable
- radio and wireless associated connectors/sockets used in transmission mediums
- radio antenna types including:
  - wi-fi omni directional antenna
- switching and cable systems including:

- analog and digital telephone systems
- ethernet switch
- point-to-point
- common exchange equipment including:
  - rack and stack equipment.

## Assessment Conditions

Skills must be assessed in a workplace or simulated environment where conditions are typical of those in a telecommunications work environment or workplace.

Access is required to:

- two types of common customer equipment
- two signal transmission mediums in use
- two different telecommunications switching equipment types
- two telephone exchange devices
- cabling products and cable used in telecommunications systems.

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 available from VETNet -

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