

CONNEXIS
INFRASTRUCTURE TRAINING

NEW ZEALAND CERTIFICATE

LEVEL 3

Telecommunications

(Strands in Copper Network Maintenance, Optical Fibre Network, and Transmission)

NZC

NZQA #3767-2

93 CREDITS

14 MONTHS



CIVIL ENERGY TELCO WATER

Enrol Now

CALL US: 0800 486 626

askus@connexis.org.nz

connexis.org.nz



NZC Telecommunications

(Strands in Copper Network Maintenance, Optical Fibre Network, and Transmission)



This course is designed to recognise the skills to work in the Telecommunications industry

WHAT YOU'LL LEARN

- Co-ordinating and scoping telecommunication sites while managing stakeholder and client expectations and relationships.
- Applying safe work practices and meeting industry standards when working on telecommunications networks.

Graduates of the Copper Network Maintenance strand will be able to install, locate, test and service copper networks and apply knowledge during transmission and repair.

Graduates of the Optical Fibre Network strand will also be able to install, locate, test and service fibre access networks and apply knowledge during building, provisioning and repair of access networks.

Graduates of the Transmission strand will also be able to apply optical Ethernet, wireless technology, radio theory and practices for installation and repair of transmission infrastructure.

HOW THE COURSE IS DELIVERED

This programme is assessed on-job through workbooks, or assessed off-job through a provider. It can also be achieved through Advanced Portfolio Assessment (APA). If the learner has a minimum of 4 years experience working in the industry, and can provide a portfolio of evidence from the past 24 months linking to the level of this programme's unit standards, then APA could be a great option to recognise existing skills.

ENTRY REQUIREMENTS

The learner must be employed in the telecommunications industry and exposed to the skills covered to be enrolled in this programme.

TRAINING PATHWAYS

Graduates of this qualification will have the recognised skills to work as an installation and maintenance access Telecommunications Network Technician.

Contact us now to enrol

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Programme Structure

The structure of this programme features one core compulsory module and three specialised strand options.

Module 1

Use and maintain hand and power tools for electrical work

Describe and apply techniques for identifying and locating faults in electrotechnology products or systems

Demonstrate and apply knowledge of stakeholder engagement in an electrotechnology or telecommunications environment

Demonstrate knowledge of installation practices and procedures for telecommunications network equipment

Install and maintain basic telecommunications systems and services

Copper Network Maintenance Strand

Plan, identify and protect underground services during excavation and reinstatement

Demonstrate knowledge of telecommunications customer copper network infrastructure

Install and maintain telecommunications customer copper network infrastructure

Explain and action fault diagnosis and repair and restore customer telecommunications copper network

Optical Fibre Network Strand

Plan, identify and protect underground services during excavation and reinstatement

Demonstrate knowledge of telecommunications optical fibre network infrastructure

Install, maintain and repair telecommunications optical fibre network infrastructure

Explain and action fault diagnosis and repair and restore customer telecommunications network

Transmission Strand

Demonstrate knowledge of telecommunications transmission installations

Explain telecommunications transmission systems, services and network measurements

Install, maintain and repair telecommunications transmission systems and services

Demonstrate knowledge of safety considerations when installing radio frequency equipment and cabling systems

