

CIVIL

ENERGY

TELCO

WATER



# KICKSTART

**YOUR CAREER WITH  
INFRASTRUCTURE  
GATEWAY**



**CONNEXIS**  
INFRASTRUCTURE TRAINING

# LET'S TALK INFRASTRUCTURE



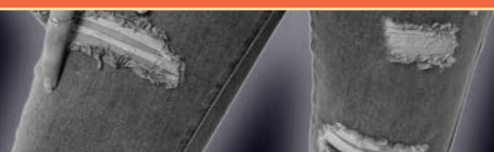
If you've ever wondered how to build a road, what's inside the pipes under the footpath, how wifi keeps you connected so you can spend hours scrolling through TikTok, or what the view is like from the top of a power pole - a job in infrastructure could be for you.

When we talk about infrastructure, we're talking about four key industries that keep New Zealand running: Civil, Energy, Telecommunications and Water.

## HERE ARE A FEW OF THE JOBS YOU CAN DO IN INFRASTRUCTURE

CIVIL	ENERGY	TELCO	WATER
<ul style="list-style-type: none"><li>▪ HEAVY MACHINERY/ EXCAVATOR OPERATOR</li><li>▪ FIELD WORKER</li><li>▪ TRAFFIC MANAGER</li><li>▪ ROADMARKER</li><li>▪ PROJECT MANAGER</li></ul>	<ul style="list-style-type: none"><li>▪ CONTRACT MANAGER</li><li>▪ LINE MECHANIC</li><li>▪ CABLE JOINTER</li><li>▪ METER READER</li><li>▪ NETWORK OPERATOR</li><li>▪ UTILITY ARBORIST</li></ul>	<ul style="list-style-type: none"><li>▪ TELECOMMUNICATIONS TECHNICIAN</li><li>▪ TELECOMMUNICATIONS ENGINEER</li><li>▪ CABLER</li></ul>	<ul style="list-style-type: none"><li>▪ WATER TREATMENT TECHNICIAN</li><li>▪ WATER PLANT OPERATOR</li><li>▪ SMALL WATER SYSTEMS OPERATOR</li></ul>

All of these industries can lead to management and supervisor roles, and you can even start your own business!





# INFRASTRUCTURE GATEWAY

CIVIL ENERGY TELCO WATER



# GET HANDS ON

## MICRO-CREDENTIALS WILL GET YOU AHEAD

Micro-credentials (MCs) are short NZQA-recognised training programmes that give you a specific set of skills and knowledge. They can be completed while in school and are a steppingstone toward a full qualification or apprenticeship.

Our Gateway programme connects you with local companies so you can complete your MCs while building your connections for employment when you leave school.

Completing MCs is a great way to show prospective employers that you are motivated and passionate about a career in infrastructure.

## GEAR UP WITH MICRO-CREDENTIALS

Explore your job options before leaving school and kickstart your career in the Civil or Energy industries with Gateway.

You can 'try before you buy' and see if you like the work and want to commit to a career in infrastructure.

## HOW CONNEXIS HELPS

Connexis helps thousands of people get the skills and qualifications they need to work within the infrastructure industry. We arrange and deliver work-based learning programmes and work with individuals on their training goals while they work and get paid.

## MICRO-CREDENTIALS ARE A GREAT OPPORTUNITY IF YOU ARE IN YEARS 11-13:

- Gain practical work experience and training by heading to a local infrastructure company to complete your MC.
- Start building your network to line up a job.
- Gain an MC in the infrastructure industry and earn credits towards NCEA Level 2 and 3.
- Earn NZQA recognised unit standards that count towards a full qualification or apprenticeship.

## NZ CERTIFICATE QUALIFICATION

Complete both Energy MCs, and a first aid course unit standards 6401 & 6402, and you receive a Level 2 NZ Certificate - recognised by employers as the entry level qualification to work in electricity supply.

Complete both Civil MCs and you're already on your way to completing a NZ Certificate with further study.



## OUR MICRO-CREDENTIALS

<b>DIG IT</b>	<b>Introduction to Infrastructure Works</b> Level 2   23 credits   3 months	Learn what the infrastructure industry is all about. Get confident using hand tools, excavate manually, understand different materials used in civil infrastructure, and learn safety standards on-site.
<b>BREAKING GROUND</b>	<b>Infrastructure Worksites</b> Level 3   22 credits   2 months	Build on the introduction course by learning to locate features from plans, describe commonly used infrastructure materials and understand the impact of erosion and sedimentation on worksites.
<b>POWER UP</b>	<b>Introduction to the Electricity Supply Industry</b> Level 2   19 credits   2 months	Learn about the major sectors in the industry, energy plant and equipment, electricity systems used, and how to keep safe on-site.
<b>SWITCHED ON</b>	<b>Working Safely in the Electricity Supply Industry</b> Level 2   21 credits   3 months	A complementary course to sit alongside Introduction to the Electricity Supply Industry MC. Gain an understanding of the safety statutes, codes, and safe work practices on an electricity supply worksite.

# LET'S GET STARTED

Chat to your careers advisor or teacher about how to sign up and what Gateway Micro-credential you are keen to do.



## Stay Connected

CALL US: 0800 486 626  
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[connexis.org.nz](http://connexis.org.nz)