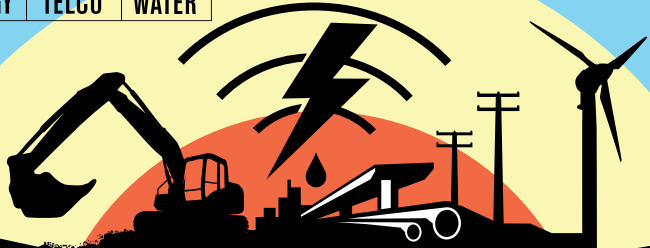


CIVIL ENERGY TELCO WATER



# INFRASTRUCTURE GATEWAY



# KICKSTART

**YOUR CAREER IN INFRASTRUCTURE**

**CONNEXIS**  
INFRASTRUCTURE TRAINING

**Enrol Now**  
CALL US: 0800 486 626  
Monday-Friday, 8am-5pm  
askus@connexis.org.nz  
connexis.org.nz



# ***KICKSTART***

**your future with  
New Zealand's  
leading Infrastructure  
training provider...**

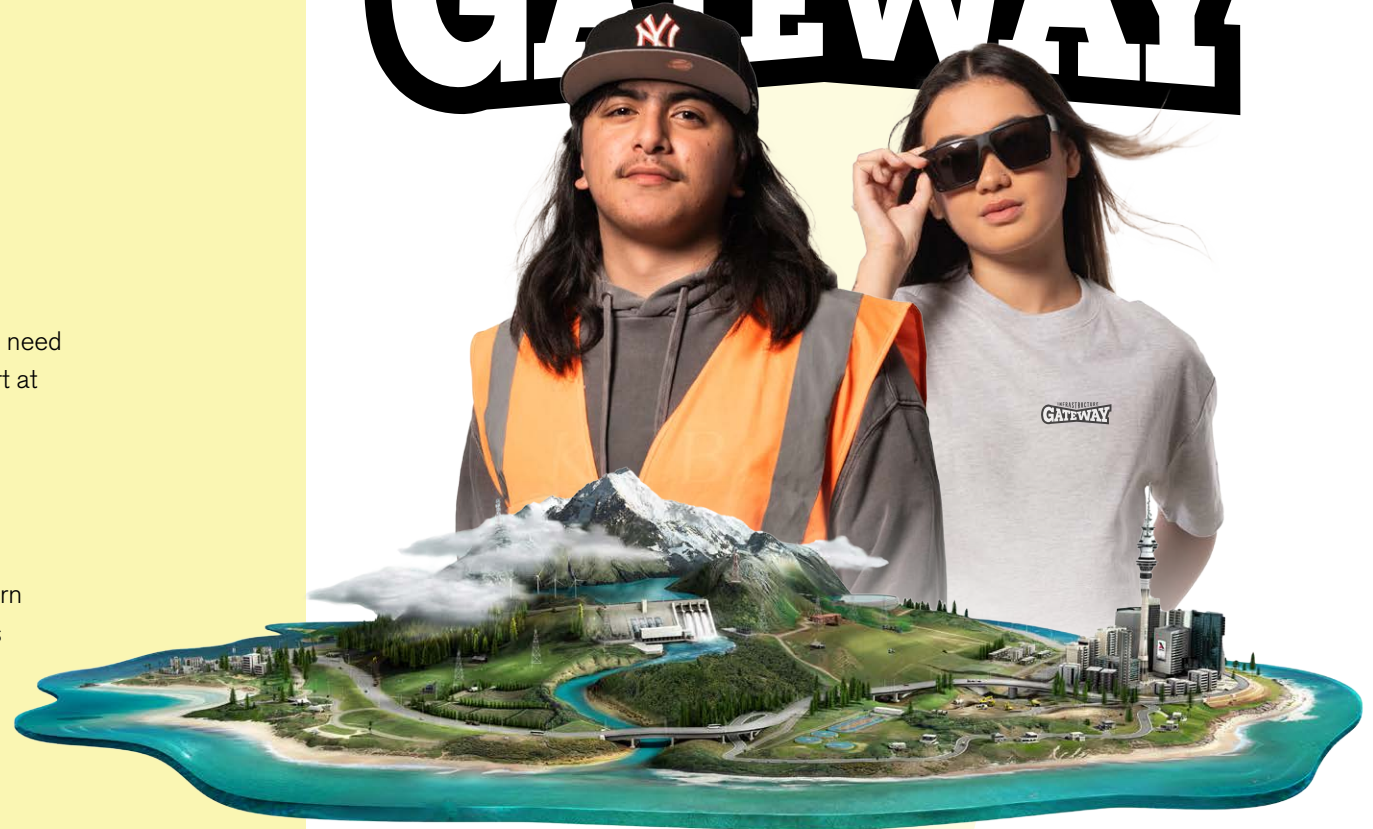
**Connexis** helps thousands of people learn the skills they need to get the infrastructure jobs they want. We provide support at every stage of your training with our work-based learning programmes so you can up-skill while you're working and getting paid.

It all starts with our Gateway programmes for Years 11-13 students. You get to experience different industries and earn NCEA credits. Keep reading to learn more about Connexis Gateway, the incredible opportunities in infrastructure and the many benefits of doing an apprenticeship:

- ***NO STUDENT LOAN***
- ***EARN WHILE LEARNING***
- ***HIGH SALARIES FOR SKILLED WORKERS***
- ***MANY CAREER PATHWAYS TO CHOOSE***
- ***WORK IN AMAZING PLACES***
- ***A HANDS-ON, VARIED CAREER***

**CONNEXIS**  
INFRASTRUCTURE TRAINING

# INFRASTRUCTURE **GATEWAY**



## **WE NEED SKILLED PEOPLE - LIKE YOU**

All New Zealand's infrastructure sectors need skilled people to join the workforce who can plan, maintain and upgrade the infrastructure - and build more as the nation grows. Not only are infrastructure jobs in high demand, they can be well-paid, rewarding, fun and provide varied career paths for everyone.

CIVIL

ENERGY

TELCO

WATER

# INFRASTRUCTURE IS EVERYWHERE

The roads you drive on, the power you use, the water you drink and the telecommunications network. Infrastructure keeps the country running and Connexis provides the training programmes to the people who run the infrastructure.



**CIVIL**

THE CIVIL INDUSTRY EMPLOYS  
OVER 63,000 PEOPLE.  
AVERAGE INCOME:

**\*\$84,400**



**ENERGY**

THE ENERGY INDUSTRY  
EMPLOYS OVER 16,000 PEOPLE.  
AVERAGE INCOME:

**\*\$101,000**



**TELCO**

THE TELECOMMUNICATIONS  
INDUSTRY EMPLOYS OVER  
7,200 PEOPLE. AVERAGE INCOME:

**\*\$87,900**



**WATER**

THE WATER INDUSTRY  
EMPLOYS OVER 3,800 PEOPLE.  
AVERAGE INCOME:

**\*\$85,300**

\* Source: Infometrics - Infrastructure Pipeline Profile and Infrastructure Sector Profile





# FUTURE PROOF

## GET A JOB THAT'S ALWAYS IN DEMAND

If job security matters to you, build a career in the industries that matter to everyone. Whatever the future brings, skilled people will always be needed in infrastructure - especially as we face tomorrow's challenges, like climate change and rising ocean levels.

\*Source: Infometrics - Infrastructure Pipeline Profile



### SOME OF THE HUNDREDS OF INFRASTRUCTURE ROLES

#### CIVIL

- HEAVY MACHINERY
- EXCAVATOR OPERATOR
- FIELD WORKER
- TRAFFIC MANAGER
- SURVEYOR
- ROADMARKER
- CONTRACTOR
- BUSINESS OWNER

#### ENERGY

- CONTRACT MANAGER
- LINE MECHANIC
- METER READER
- NETWORK OPERATOR
- UTILITY ARBORIST
- CABLE JOINTER
- ELECTRICIAN

#### TELCO

- TELECOMMUNICATIONS TECHNICIAN
- TELECOMMUNICATIONS ENGINEER
- SYSTEMS DESIGNER
- CABLER

#### WATER

- WATER TREATMENT TECHNICIAN
- WATER PLANT OPERATOR
- SMALL WATER SYSTEMS OPERATOR
- LAB TECHNICIAN

Plus infrastructure companies always need people for jobs in procurement, finance, marketing and communications, environmental sustainability, health and safety, people and capability, design and engineering and more!

## BUILD A FUTURE-PROOF CAREER IN INFRASTRUCTURE

Our growing population means we'll need to maintain the infrastructure we have, and create more. Over half of the \$129 billion\* infrastructure spend is tagged for land transport - massive projects like roads, bridges and tunnels.

**New Zealand will invest \$129 billion\* in infrastructure over the next seven years.**



## MCs

**Micro-credentials (MCs)** are short training courses you complete while you learn how local infrastructure companies operate, gain real-world skills and earn credits towards NCEA Level 2 and 3.

MCs have a combination of theory and practical unit standards, with options to complete theory units through a workbook or eLearning on a laptop or mobile device.

Online learning includes assessments, with theory questions incorporating multiple choice, drag and drop and true or false. There are also on-job practical tasks, with evidence uploaded to the Connexis Learning Management System.

Complete both *Power Up* and *Switched On* MCs and a First Aid course unit standards 6401 and 6402, and receive a New Zealand Certificate in Electricity Supply (Introductory) (Level 2) - recognised by employers as the entry level qualification to work in the ESI.



# SKILL-UP

**MC**

## ***DIG IT***

LEVEL 2, 23 CREDITS

### **Introduction to Infrastructure Works**

An introduction to the civil industry. Get confident using hand tools, excavate manually, understand the different materials used in civil infrastructure and learn safety standards on-site.

**MC**

## ***BREAKING GROUND***

LEVEL 3, 22 CREDITS

### **Infrastructure Worksites**

Build on the *Dig It* course by learning to locate features from plans, describe commonly used infrastructure materials and understand the impact of erosion and sediment control on worksites.

**MC**

## ***POWER UP***

LEVEL 2, 19 CREDITS

### **Introduction to the Electricity Supply Industry**

An introduction to the Electricity Supply Industry (ESI). Learn about major ESI sectors, energy plants and equipment, electricity systems used and how to keep safe on-site.

**MC**

## ***SWITCHED ON***

LEVEL 2, 21 CREDITS

### **Working Safely in the Electricity Supply Industry**

Build on the *Power Up* course by learning safety measures and codes. Learn how to disconnect, isolate and measure an energised circuit, and understand the hazardous nature of electricity.



# GET AHEAD

Research shows if you go straight into an apprenticeship after high school you'll earn, on average, \$185,000\* more than a Bachelor's degree in arts, commerce or science by 2028. Industry training gets you into a job sooner and helps you afford a car or home sooner. Plus, you'll have no student loan to worry about.



## GET PAID AS YOU QUALIFY

After you have completed Gateway, join an infrastructure company and earn money while you get qualified with Connexis.

You'll love working and learning as you go.

- **NO STUDENT LOAN**
- **EARN WHILE LEARNING**
- **HIGH SALARIES FOR SKILLED WORKERS**
- **A HANDS-ON, VARIED CAREER**
- **WORK IN AMAZING PLACES**
- **MANY CAREER PATHWAYS TO CHOOSE FROM**



## GET YOUR MANUAL DRIVER LICENCE

It's a big tick for employers if you can get yourself to and from infrastructure sites.

\*Source: Tuition fees and cost of living - Study with New Zealand, and Income outcomes of tertiary pathways - Sweet Analytics





**'It's kind of a lifestyle,  
rather than just a job.'**

Madison Harvey, Line Mechanic for Electra



**GIRLS  
WITH  
HI-VIS®**

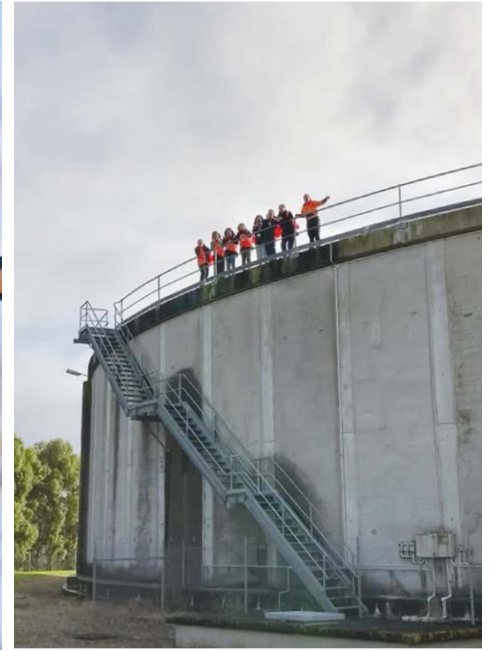
**CONNEXIS**

## MAKING INFRASTRUCTURE CAREERS MORE VISIBLE TO YOUNG WOMEN

Girls with Hi-Vis® (GWHV) helps more young women experience the benefits of a career in infrastructure. Developed in partnership with industry, GWHV aims to increase the number of female employees in infrastructure, which is only 18% of the total workforce, and fill the current skills gap.

GWHV is an *Ultimit – Women in Infrastructure* initiative that runs nationwide throughout June. Every year it's getting bigger. At the many GWHV events, young women in Years 11-13 visit top infrastructure companies and assets for the day like wind farms, hydro power stations, water treatment plants and major roading projects. They learn about the job opportunities available, experience fun hands-on activities, and hear from inspirational women who are working in the industry - and loving it!

Go to [connexis.org.nz/girls-with-hi-vis/](https://connexis.org.nz/girls-with-hi-vis/) to learn more.





# ELECTRICITY SUPPLY INDUSTRY EVENT

**Annual Connection** is a unique three-day competition held in different parts of New Zealand annually. Bringing together Line Mechanics and Cable Jointers who compete to be the best of the best in New Zealand. An invaluable opportunity to spotlight the industry, underscore the importance of electricity safety, and encourage young talents to explore careers in the electricity supply sector.

LEARN MORE AT  
[WWW.ANNUALCONNECTION.CO.NZ](http://WWW.ANNUALCONNECTION.CO.NZ)



# WHAT NEXT?

Chat to your Gateway Co-ordinator, teacher or careers department and sign up to a Connexis Infrastructure Gateway programme today.

## Enrol Now

CALL US: 0800 486 626  
Monday-Friday, 8am-5pm  
[askus@connexis.org.nz](mailto:askus@connexis.org.nz)  
[connexis.org.nz](http://connexis.org.nz)



# CONNEXIS

INFRASTRUCTURE TRAINING

*Connexis is a Business Division of Te Pūkenga  
– New Zealand Institute of Skills and Technology*