

CONNEXIS

Infrastructure Industry Training Organisation

CIVIL INFRASTRUCTURE APPRENTICESHIPS



**INDUSTRY
RECOGNISED
TERTIARY
QUALIFICATION**

EARN WHILE YOU LEARN
Gain Real Skills And Experience

www.connexis.org.nz

GET YOUR CAREER ON THE ROAD



\$42 Billion

CIVIL INFRASTRUCTURE GOVERNMENT SPEND
IN THE NEXT 5 YEARS



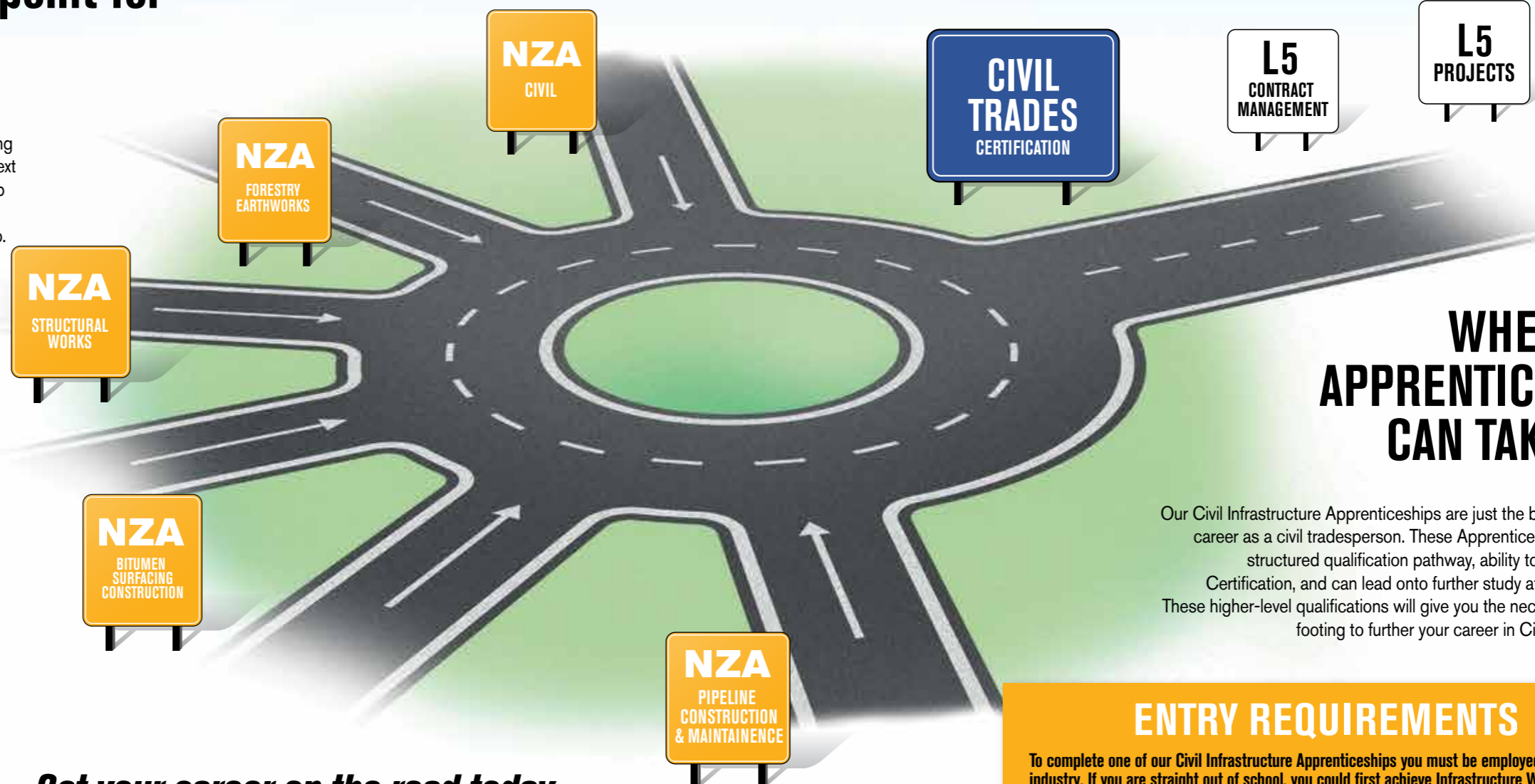
Our Civil Infrastructure Apprenticeships are a great starting point for your epic career

Demand for a skilled infrastructure workforce is at an all-time high with the Government committed to spending \$42 billion on New Zealand's infrastructure within the next five years. Be part of a high demand workforce, and help future proof our growing nation, by taking up a skilled career, starting with a Civil Infrastructure Apprenticeship.

EARN WHILE YOU LEARN AND HAVE A CAREER FOR LIFE

Your New Zealand Apprenticeship (NZA) in Civil Infrastructure includes a structured career pathway from Level 3 to Level 4. You will gain a broad range of skills suitable for the infrastructure worksite and have the ability to specialise in one of five key areas: Bitumen Surfacing Construction, Civil, Forestry Earthworks, Pipeline Construction and Maintenance, and Structural Works

These qualifications have been developed with industry for industry, so you can be assured they are relevant to your job. Your training is on-the-job and as you go through your training journey, you will be supported by our field team.



WHERE AN APPRENTICESHIP CAN TAKE YOU

Our Civil Infrastructure Apprenticeships are just the beginning of your career as a civil tradesperson. These Apprenticeships offer you a structured qualification pathway, ability to gain Civil Trade Certification, and can lead onto further study at Levels 5 and 6. These higher-level qualifications will give you the necessary skills and footing to further your career in Civil Infrastructure.

Get your career on the road today with one of our specialised NZAs in Civil Infrastructure

ENTRY REQUIREMENTS

To complete one of our Civil Infrastructure Apprenticeships you must be employed within the industry. If you are straight out of school, you could first achieve Infrastructure Works (Level 2) before moving onto an Apprenticeship, or if you have NCEA Level 2 you could just jump right in.

You will be required to operate equipment as part of your training, so you will need to hold or gain the appropriate licences and/or endorsements.



CIVIL

NZ Certificate in Infrastructure Works (Civil) with strands in Earthworks, Road Construction and Road Maintenance

This Civil Apprenticeship will allow you to gain the skills and knowledge to work on, and produce, quality infrastructure work outcomes on a range of different sites.

If you need further specialisation, the Earthworks, Road Construction and Road Maintenance strands allow you to customise the qualification to suit your needs.

SKILLS COVERED

Throughout this qualification, you will learn to:

- Meet on-site health, safety, environment and quality assurance requirements for work undertaken on an infrastructure works site.
- Interpret civil infrastructure plans and apply appropriate methodology to infrastructure works operations.
- Coordinate plant, equipment and materials to undertake infrastructure works.
- Apply communication skills relevant to infrastructure works operations.

Graduates of the Earthworks strand will also learn to:

Carry out earthworks operations.

Graduates of the Road Construction strand will also learn to:

Carry out road construction operations.

Graduates of the Road Maintenance strand will also learn to:

Carry out road maintenance operations.

WHERE THIS QUAL CAN TAKE YOU

Once you have completed this qualification, you will have the skills and knowledge required to operate building standards and be capable of maintaining good quality infrastructure unsupervised.

You will be capable of working safely to industry standards and specifications under broad guidance, while being able to take responsibility for your own work and some responsibility for the performance of others.



BITUMEN SURFACING CONSTRUCTION

NZ Certificate in Infrastructure Works (Bitumen Surfacing Construction)

An Apprenticeship in Bitumen Surfacing Construction will allow you to gain the technical skills and knowledge to coordinate and support a team to complete bitumen surfacing construction site works. You will be capable of working independently to produce work to the required specifications.

This qualification is suitable for you if you are working in an infrastructure works environment, and a bitumen surfacing construction role.

SKILLS COVERED

Throughout this qualification, you will learn to:

- Assess a job site to ensure preparation work is completed and resources are available to meet the requirements for bitumen surfacing construction site works.

- Interpret and implement job prescriptions and technical specifications for bitumen surfacing construction operations.
- Monitor risk to ensure compliance and the safety of everyone on a bitumen surfacing construction site.
- Coordinate and support a bitumen surfacing construction team to complete site works to specifications.

WHERE THIS QUAL CAN TAKE YOU

Once you have completed this qualification you will have the necessary skills to work unsupervised on a rapidly changing, high-risk, bitumen surfacing worksite.

FORESTRY EARTHWORKS

NZ Certificate in Infrastructure Works (Forestry Earthworks)



An Apprenticeship in Forestry Earthworks would be suitable if you are working within forestry sites. You will gain the technical knowledge and skills to work under broad guidance, producing quality outcomes, coordinating a team of forestry earth workers on site.

As you work through this programme, you will learn to coordinate a team on site to construct and maintain forestry earthworks. You will also learn to engage proactively with forest users and provide flexible work practices and methodologies on a forestry earthworks site.

SKILLS COVERED

Throughout this qualification, you will learn to:

- Implement prescriptions and plans to construct and maintain forestry earthworks.

- Monitor compliance, environmental requirements and risk, to ensure safe outcomes on a forestry earthworks site.
- Engage proactively with forest users and provide flexible work practices and methodologies to meet site requirements.

WHERE THIS QUAL CAN TAKE YOU

Once you have completed this qualification you will be capable of working on the construction of forestry infrastructure, roads, culverts and landings.

ENROL TODAY

0800 486 626
askus@connexis.org.nz

PIPELINE CONSTRUCTION AND MAINTENANCE

NZ Certificate in Infrastructure Works (Pipeline Construction and Maintenance) with strands in Drinking-water, Wastewater and Stormwater, and Trenchless Technologies

A Pipeline Construction and Maintenance Apprenticeship will allow you to gain the skills and knowledge to produce quality work on a range of pipeline construction and maintenance operations.

The Drinking-water, Wastewater and Stormwater, and Trenchless Technologies strands allow further customisation of this qualification if you are working in these environments.

SKILLS COVERED

Throughout this qualification, you will learn to:

- Meet health, safety, environment and quality assurance requirements when undertaking pipeline construction and maintenance.
- Plan and apply appropriate methodology when constructing and maintaining pipelines.
- Coordinate plant, equipment and materials for pipeline construction and maintenance operations.
- Communicate effectively while constructing and maintaining pipelines.

Graduates of the Drinking-Water strand will also be able to: Install and maintain drinking-water reticulation assets, including planned and reactive works.

Graduates of the Stormwater and Wastewater strand will also be able to:

Install and maintain wastewater and stormwater reticulation assets, including planned and reactive works.

Graduates of the Trenchless Technologies strand will also be able to:

Install or rehabilitate infrastructure assets using appropriate trenchless installation methodology and technology.

WHERE THIS QUAL CAN TAKE YOU

Once you have completed this apprenticeship, you will be capable of working safely to industry standards and specifications under broad guidance, taking responsibility for your own work and some responsibility for the work of others.

Graduates of this qualification are not qualified to carry out residential plumbing or drainage work that requires a consent under the Building Act 2004. Consented work must be done by a plumber or drainlayer.



STRUCTURAL WORKS

NZ Certificate in Infrastructure Works (Structural Works)

TO BE RELEASED IN 2019

This qualification will prepare you for working on Structural Works on a civil infrastructure worksite.



RCC vs WORKBOOK

Your Connexis Civil Infrastructure Apprenticeship can be gained either through the 'traditional' hands on workbook approach, or if you have significant industry experience, through a process called Recognition of Current Competence (RCC).

Talk to your Connexis Customer Service Account Manager (CSAM) for further information about these options.



CIVIL TRADES CERTIFICATION

Our Civil Infrastructure Apprenticeships count towards partial fulfilment of the requirements of Civil Trades Certification (CTC).

CTC recognises the specialist skills of people who build New Zealand's infrastructure. To be eligible for CTC, you must have completed your Apprenticeship, gained 8,000 hours of practical experience (your Apprenticeship will give you around 6,000 hours) and have two letters of recommendation.

CTC is a great asset, to both you and your company, and shows someone is highly skilled in the Civil Trades.

www.civiltrades.co.nz



FEES FREE

In 2018 the Government introduced a scheme to encourage more New Zealanders into tertiary education. For those looking to enrol in Industry Training, you may be eligible for fees free if you have not done any prior study at Level 3 or above.

For more information, and to check if you are eligible, please visit www.connexis.org.nz/fees-free

HOW CONNEXIS WILL HELP

Our Civil Infrastructure Apprenticeships involve a partnership between you, your employer, and Connexis. You will be assigned a Connexis Customer Service Account Manager (CSAM) who will work with you and your company to help guide you through your qualification. They will ensure you are on track to complete your qualification in the required time.

CONNEXIS

let's talk

EPIC

AN EPIC CAREER IN INFRASTRUCTURE
IS THERE FOR THE TAKING. FIND OUT MORE
epicwork.nz



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