

LEVEL 6

132 CREDITS

NATIONAL DIPLOMA IN Civil Engineering (Applied)



BENEFITS OF THE NATIONAL DIPLOMA IN CIVIL ENGINEERING (APPLIED)

- The qualification focuses solely on Civil Engineering and provides a simple and easy to understand route for completion
- It provides a practical work-based qualification to meet the demands of the industry
- It is tailored specifically to the relevant aspect of work – Consulting, Contracting or Local Government
- It provides recognition of national and international competence standards
- The qualification is recognised as a replacement for the highly regarded NZCE (Civil)
- The theoretical component can be studied full-time or through block courses at any one of the consortium polytechnics throughout New Zealand
- It provides a structured pathway to registration as a Certified Engineering Technician through IPENZ and Associate Membership of IPENZ.

ENTRY REQUIREMENTS

The New Zealand Diploma in Engineering (Civil) is a prerequisite and can be completed before, or at the same time as working towards the *National Diploma in Civil Engineering (Applied)*.

HOW IS THE QUALIFICATION COMPLETED?

The *National Diploma in Civil Engineering (Applied)* is completed through the recognition of relevant work experience and on-job training. Evidence of this experience and training is collected in a workbook for verification and assessment by an approved assessor.

HOW LONG WILL IT TAKE?

The *National Diploma in Civil Engineering (Applied)* is a Level 6 qualification, comprising 132 credits. It is expected that this will take 2-5 years to complete, depending on the amount of experience.

COST

One-off Qualification Fee – \$1450 (including GST).

This fee includes the IPENZ application fee and five hours of assessment time.

HOW TO ENROL

To enrol in the qualification, a Training Agreement form needs to be completed and sent to InfraTrain. The area of engineering work (Contractor, Local Government or Consultant) will need to be specified so the appropriate workbook can be provided.

The Training Agreement may be downloaded from our website www.infratrains.co.nz or call 0800 486 626 to arrange for InfraTrain's local advisor to provide one.



TALK TO US

If you would like more information on the *National Diploma in Civil Engineering (Applied)* or would like to enrol in the qualification, please contact us.

0800 486 626
or email askus@infratrains.co.nz

InfraTrain New Zealand
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www.infratrains.co.nz

Developed and assessed in partnership with





A NEW QUALIFICATION FOR CIVIL ENGINEERING TECHNICIANS

Over the coming decade there will be at least \$20 billion of additional infrastructure projects in New Zealand, with exciting career opportunities in civil engineering.

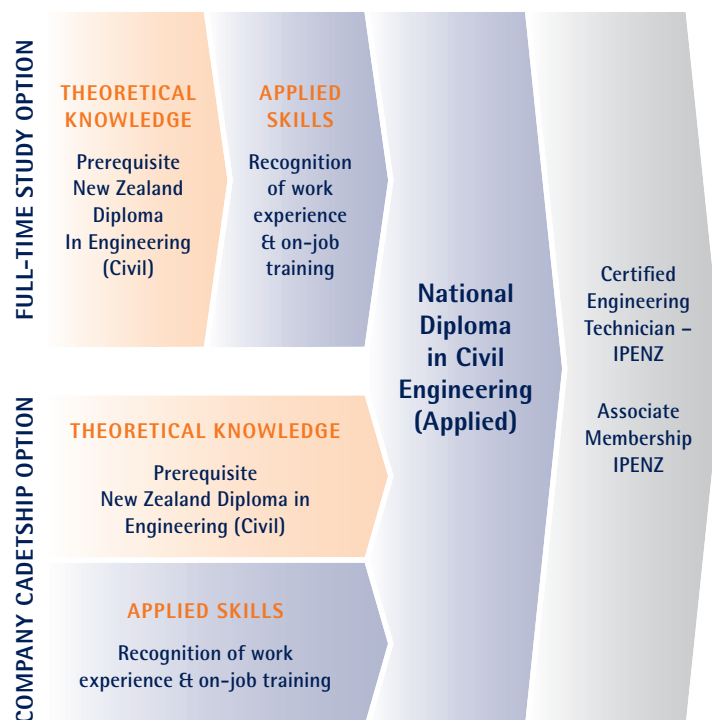
The *National Diploma in Civil Engineering (Applied)* is a new qualification that opens the way to these opportunities as a qualified civil engineering technician.

The diploma has been developed in response to the industry's call for a technician level qualification that recognises practical skills and provides a replacement for the former New Zealand Certificate of Engineering (Civil) or NZCE (Civil), with its work experience component.

The *National Diploma in Civil Engineering (Applied)* builds on the theoretical knowledge gained by completing a prerequisite New Zealand Diploma in Engineering (Civil) at a polytechnic.

Together, these two qualifications provide a structured pathway to registration as a Certified Engineering Technician through IPENZ and Associate Membership of IPENZ.

QUALIFICATION PATHWAY



ABOUT THE NATIONAL DIPLOMA IN CIVIL ENGINEERING (APPLIED)

The two components of the *National Diploma in Civil Engineering (Applied)* – theoretical knowledge and applied skills – together improve on the former NZCE (Civil), a qualification that was well regarded by industry. They combine quality academic study to national standards, with a more rigorous and structured assessment of practical skills than the work experience component of the NZCE (Civil) had provided.

THEORETICAL KNOWLEDGE – this comprises the New Zealand Diploma in Engineering (Civil), which is a prerequisite and can be studied at any of the consortium polytechnics listed below. Study is flexible, with the options of either studying full-time, or attending block courses while working in a cadetship towards the *National Diploma in Civil Engineering (Applied)*.

APPLIED SKILLS – this component of the *National Diploma in Civil Engineering (Applied)* is completed through the assessment and recognition of appropriate work experience and the practical application of skills. Most of the evidence required for this component is compiled from work activities.

CONSORTIUM POLYTECHNICS

NorthTec*	www.northland.ac.nz
Unitec New Zealand	www.unitec.ac.nz
Manukau Institute of Technology*	www.manukau.ac.nz
Waikato Institute of Technology	www.wintec.ac.nz
New Zealand Institute of Highway Technology	www.nzihl.co.nz
Wellington Institute of Technology	www.weltec.ac.nz
Otago Polytechnic	www.otagopolytechnic.ac.nz
Southern Institute of Technology* (from 2009)	www.sit.ac.nz

* The first year of the New Zealand Diploma in Engineering (Civil) may be completed at these polytechnics.

INDUSTRY RECOGNISED



The Institution of Professional Engineers New Zealand (IPENZ) is the professional body that represents more than 8,000 engineers from all disciplines in New Zealand.

IPENZ has worked closely with InfraTrain to ensure the *National Diploma in Civil Engineering (Applied)* is closely aligned with the international competence standard for engineering technicians. This means that *National Diploma in Civil Engineering (Applied)* graduates who promptly seek Certified Engineering Technician Registration and Associate Membership of IPENZ will not need to be assessed further or pay additional assessment fees.

For more information about IPENZ visit www.ipenz.org.nz. Information on membership and registration can be found in the "Join" area.

"IPENZ is pleased to support InfraTrain's National Diploma in Civil Engineering (Applied) as it targets the development of the key practical skills needed by civil engineering technicians. The NDCE (Applied) fills a gap and responds to the important need to provide well-structured support for technicians seeking to fast track their development and gain formal recognition of their practical skills."

Brett Williams, Director Learning and Assessment, IPENZ

"Opus International Consultants has been involved with the development of the National Diploma in Civil Engineering (Applied) qualification as it saw the need for demonstrating that academic learning was being applied in practice. The NDCE (Applied) is seen as a significant step forward for technician level civil engineering staff – it is a smart way of giving credibility to their technical competence."

Bill Darnell, General Manager Technical, Opus International Consultants