

LEVEL 6

NZDEP

CIVIL

NEW ZEALAND DIPLOMA IN ENGINEERING PRACTICE

**A STRUCTURED CAREER PATHWAY
FOR CIVIL ENGINEERING TECHNICIANS**

CONEXIS

qualify for success





NZDEP LEVEL 6

RECOGNITION OF YOUR PRACTICAL, WORK-BASED SKILLS

The New Zealand Diploma in Engineering Practice (NZDEP) is the only engineering diploma qualification in New Zealand which recognises practical, work-based skills.

It is ideal for people wishing to take the next step on from the New Zealand Diploma in Engineering (NZDE) – a theoretical qualification offered through a number of Tertiary Education Organisations.

The NZDEP is aligned with Engineering New Zealand's competence standard for engineering technicians seeking recognition as a Chartered Member - CMEngNZ (Engineering Technician).

WHERE WILL THIS QUALIFICATION TAKE ME?

On completion of the NZDEP you will have formal recognition of your ability to apply your theoretical knowledge in a practical setting to complete the job unsupervised. Being able to provide proof of practical skills is a significant advantage over a purely theoretical qualification.

Together the NZDE and NZDEP offer great scope for progression to higher level qualifications such as a Bachelor of Engineering Technology or a Bachelor of Engineering.

Skilled, qualified engineering technicians are in high demand, with excellent career prospects around New Zealand and the rest of the world.

WHICH SKILLS DOES IT COVER?

The NZDEP qualification graduate outcomes are aligned to the Institution of Professional Engineers New Zealand (IPENZ) 12 Competence Standards for an engineering technician:

1. Comprehend and apply detailed knowledge underpinning good practice as an engineering technician.
2. Comprehend and apply detailed knowledge underpinning good practice as an engineering technician that is specific to New Zealand.
3. Identify, state and analyse well-defined engineering problems in accordance with good practice for engineering.
4. Design or develop solutions to well-defined engineering problems by applying accepted procedures and methodologies.
5. Be responsible for making decisions on part or all of one or more well-defined engineering activities.
6. Manage part or all of one or more well-defined engineering activities in accordance with good engineering management practice.
7. Identify risk and apply risk management techniques to well-defined engineering problems.
8. Conduct engineering activities to an ethical standard at least equivalent to the relevant code of ethical conduct.
9. Recognise the reasonably foreseeable social, cultural and environmental effects of well-defined engineering activities generally.
10. Communicate clearly with others in the course of his/her well-defined engineering activities.
11. Maintain the currency of engineering knowledge and skills.
12. Exercise sound engineering judgement.

HOW IS THE QUALIFICATION ACHIEVED?

The NZDEP is achieved through a blend of on-job learning and practical activities which are linked to the IPENZ 12 Competence Standards. These are presented in an electronic portfolio of evidence to the Standards, which may include:

- Budgets
- Work plans
- Project documents and calculations
- Site plans
- Health and Safety records
- Photographs and videos of work carried out

Final assessment is carried out during a professional interview where you will discuss your portfolio of evidence to the 12 Competence Standards with a Connexis Assessor.

THE NZDEP WILL TAKE AROUND 18-24 MONTHS TO COMPLETE.

L6 NZDEP

ENTRY REQUIREMENTS

You must have completed (or almost completed) the New Zealand Diploma in Engineering (NZDE) or National Diploma in Engineering (NDE), before attempting this qualification.

A minimum of three years of relevant work experience is also required to ensure that you have sufficient on-job skills to meet the requirements of the qualification.

NZDEP

SUPPORTED BY INDUSTRY



Susan Freeman-Greene
Chief Executive, IPENZ

The applied nature of the New Zealand Diploma in Engineering Practice is a natural progression for students who have completed the New Zealand Diploma in Engineering. This Diploma enables participants to consolidate their learning within a practical environment and also qualifies them for Cert ETn and AIPENZ.

Graduates of the NZDEP have proved to be of greater value to employers and find their skills more transferable across the sector. Completing the qualification empowers graduates as they move forward within an industry that is ever-changing and requires a foundation of knowledge developed through practical workplace learning.



SUCCESS STORY

Elena De Goldi
Opus International Consultants

The NZDEP is a valuable qualification because it shows that I have a broad range of practical on-job skills to back up the theory. It's well-regarded by industry and has enabled me to become an Associate Member of IPENZ.

I'm continuing my studies with a Bachelor of Engineering through the University of Southern Queensland via distance learning. My long term career goal is to become an IPENZ Chartered Professional Engineer.

FURTHER INFORMATION

WANT TO ENROL OR FIND OUT MORE? CONTACT US AND WE'LL PUT YOU IN TOUCH WITH YOUR LOCAL CUSTOMER SERVICE ACCOUNT MANAGER

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