

Engineering Practice (Civil)

NZD

NZQA #1714-3

120 CREDITS

30 MONTHS



CIVIL **ENERGY** **TELCO** **WATER**

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NZD *Engineering Practice* (Civil)



This programme recognises skills required to work as a Civil Engineering Technician.

It is designed to provide the skills required to work in accordance with good practice for civil engineering.

WHAT YOU'LL LEARN

- Defining, investigating and analysing well-defined engineering problems in accordance with good practice for civil engineering.
- Designing and/or developing solutions to well defined engineering problems by applying accepted procedures and methodologies.
- Identifying risks and applying risk management techniques to well-defined civil engineering problems.

HOW THE COURSE IS DELIVERED

This programme is achieved through an on-job assessment portfolio. The practical activities within this assessment are mapped to the Engineering NZ Competency Standards. The final assessment is carried out during a professional discussion with the learner's Assessor.

ENTRY REQUIREMENTS

To enrol in this programme the learner must be employed in the engineering industry. They must also hold the New Zealand Diploma in Engineering (Level 6), Bachelor of Engineering Technology (Level 7), or equivalent as approved by Vocational Engineering Education. A minimum of three years' experience of relevant work is required to ensure candidates have sufficient on-job skills to meet the requirements of the programme.

TRAINING PATHWAYS

Engineering consultancy, engineering design, maintenance or asset management are just some of the directions in which this qualification can lead to. It aligns with Engineering New Zealand's competency standards for engineering technicians and provides the evidence needed for graduates to become a Chartered Member CMEngNZ (Engineering Technician).

Contact us now to enrol

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Programme Structure

The structure of this programme features one compulsory module.

Module 1

Demonstrate and apply professional and ethical behaviour as an engineering technician

Define, investigate and analyse well-defined civil engineering problems

Develop, implement, and evaluate solutions for well-defined civil engineering problems

Apply risk management to well-defined civil engineering problems

Demonstrate and apply competence as an engineering technician

