

## KEY FEATURES

- ▶ NZQA approved qualification
- ▶ State-of-the-art laboratories
- ▶ Highly qualified faculty
- ▶ Recognition of prior learning up to 50%
- ▶ Industry oriented programme
- ▶ Flexible class timings

## INTAKES

AFTER EACH 10 WEEKS

Visit our campus any time between  
9 am - 7 pm (Monday to Saturday)



Our Address:  
**ICA HOUSE** Level 3, 520 Queen Street  
Auckland CBD, New Zealand

A scientist can discover a new star but he cannot make one. He would have to ask an engineer to do it for him. ....

*Gordon Lindsay Glegg*



**INTERNATIONAL  
COLLEGE of AUCKLAND**

For Admissions, Fees & Technical Enquiries

Email: [enrol@ica.ac.nz](mailto:enrol@ica.ac.nz)

Call +64 (0) 9309 9558



SCAN ME

[www.ica.ac.nz](http://www.ica.ac.nz)

**CIVIL  
ENGINEERING**

**DIPLOMA  
LEVEL-7  
240 CREDITS**

Building and Construction



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COLLEGE of AUCKLAND**

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## BUILDING AND CONSTRUCTION

Civil Engineering is one of the oldest engineering disciplines and it is responsible for shaping up the modern civilisation with a safe and sustainable built environment to live in.

The exciting field of civil engineering covers a broad spectrum of manmade infrastructure including buildings, bridges, roads, dams, airports, railways and subways, water supply and drainage systems.

Civil engineers are responsible for planning, designing, organising and overseeing the construction of these facilities. Among different branches of civil engineering, "Building and Construction" is of great importance worldwide and particularly in New Zealand.

Building and construction industry is the 3rd largest industry of New Zealand, based on the number of business counts, comprising of 500,000 businesses.

Total Credits: 240

Duration: 2 Years (Full Time)

Total 80 weeks including holidays



### ENTRY CRITERIA

Applicants must have a Diploma in Civil Engineering (Level 5) or equivalent knowledge and skills.

For international students: IELTS (Academic) = 6.0 score with no band less than 5.5



### SEMESTER 1

DCE500 Engineering Mathematics

DCE601 Engineering Surveying

DCE701 Structural Systems

### SEMESTER 2

DCE700 Advanced Structural Concrete

DCE702 Geo technical Earthquake Engineering

DCE706 Construction Management & Economics

### SEMESTER 3

DCE501 Engineering Drawings & Graphics

DCE600 Land Information Systems

DCE705 Building Conservation

### SEMESTER 4

DCE707 Final Project

DCE704 Multi-storey Building Design

DCE703 Timber & Steel Structures

