

Ara Pūhanga & Hoahoanga

# Engineering & Architecture

STUDY OPTIONS 2023/24

If you're interested in solving problems and changing the way we live, your perfect study option could be right here.



Te Pūkenga

# Engineering



Engineering involves solving problems and challenges through the application of scientific knowledge. It's a hugely diverse and dynamic area with exciting opportunities to invent, collaborate and make a difference - potentially on a global scale.

We focus on practical and applied engineering with the aim of preparing you for a diverse spectrum of employment opportunities, both in New Zealand and overseas. An Ara | Te Pūkenga engineering qualification gives employers a clear signal that you have the skills, knowledge and practical experience needed to be effective in the workplace from day one.

**Potential careers:** Civil engineer, mechanical engineer, structural engineer, electrical engineer, site engineer, project engineer, transportation engineer, instrumentation and control engineer, process engineer, geotechnical engineer, software/hardware engineer, civil technician, structural technician, mechanical technician, electrical technician.

QUALIFICATION	LEVEL	FULL-TIME	PART-TIME	LOCATION	STARTS
New Zealand Certificate in Study and Career Preparation	3	6 months	✓	Christchurch	Feb/Jul
New Zealand Certificate in Study and Career Preparation	4	6 months	✓	Christchurch	Feb/Jul
New Zealand Diploma in Engineering (with specialisations in: Civil; Electrical*; Electronics*; and Mechanical)	6	2 years	✓	Christchurch	Feb/Jul*
Bachelor of Engineering Technology (with specialisations in: Civil; Electrical*; and Mechanical)	7	3 years	✓	Christchurch	Feb/Jul*
Master of Sustainable Practice	9	1.5 years	✓	Christchurch	Feb/Jul

\*Electrical specialisation February intake only

# Architectural Studies



Whether you choose to study architectural studies or interior design, our team of design and architectural professionals can equip you with the skills and knowledge you need to succeed in these fields.. You'll learn about the variety of solutions that can be applied to design challenges, and how excellent visual, oral and written communication can be used to help smooth a project's way.

**Potential careers:** Architectural/CAD technician, architectural designer, consultant, furniture designer, interior designer, 3D architectural modeller, or pathway to progress as an architect.

QUALIFICATION	LEVEL	FULL-TIME	PART-TIME	LOCATION	STARTS
New Zealand Certificate in Study and Career Preparation	3	6 months	✓	Christchurch	Feb/Jul
New Zealand Certificate in Study and Career Preparation	4	6 months	✓	Christchurch	Feb/Jul
New Zealand Diploma in Interior Design (Residential)	5	1 year	✓	Christchurch	Feb
Bachelor of Architectural Studies	7	3 years	✓	Christchurch	Feb
Graduate Certificate in Building Information Modelling	7	6 months	✓	Christchurch	Feb
Graduate Diploma in Building Information Modelling	7	1 year	✓	Christchurch	Feb/Jul
Master of Sustainable Practice	9	1.5 years	✓	Christchurch	Feb/Jul

## Construction Management & Quantity Surveying



Skilled professionals are needed up and down the country to work on residential, commercial, industrial and infrastructure projects. Taught by experts, our programmes in construction management, quantity surveying and building information modelling can equip you to make a significant contribution in the construction industry.

**Potential careers:** 3D architectural modeller, quantity surveyor, estimator, construction manager, building information modelling specialist, building information manager.

QUALIFICATION	LEVEL	FULL-TIME	PART-TIME	LOCATION	STARTS
New Zealand Certificate in Study and Career Preparation	3	6 months	✓	Christchurch	Feb/Jul
New Zealand Certificate in Study and Career Preparation	4	6 months	✓	Christchurch	Feb/Jul
New Zealand Diploma in Architectural Technology	6	2 years	✓	Christchurch	Feb/Jul
New Zealand Diploma in Construction (with specialisations in: Construction Management; and Quantity Surveying)	6	2 years	✓	Christchurch	Feb/Jul
Bachelor of Construction (with specialisations in: Construction Management; and Quantity Surveying)	7	3 years	✓	Christchurch	Feb/Jul
Graduate Diploma in Construction Management	7	1 year	✓	Christchurch	Feb/Jul
Graduate Diploma in Quantity Surveying	7	1 year	✓	Christchurch	Feb/Jul
Master of Sustainable Practice	9	1.5 years	✓	Christchurch	Feb/Jul



“  
The small class sizes suited me.  
”

Richard,  
*Engineering*

Richard studied mechanical engineering at Ara, combining part-time study with part-time work at Skope. His qualification has enabled him to fulfil his dream of becoming a mechanical design engineer for Skope, where he's worked for over a decade.

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## Locations & contact details

**Website** [ara.ac.nz](http://ara.ac.nz)

**Email** [info@ara.ac.nz](mailto:info@ara.ac.nz)

**Phone** 0800 24 24 76 (Mon-Thu, 8am-5pm |  
Fri, 9am-4.30pm)

### City campus

Madras St, Christchurch

Admission & Enrolments, Rakaia Centre, Madras Street  
Mon-Thu, 8am-5pm | Fri, 9am-4.30pm

### Manawa campus

276 Antigua Street, Christchurch

Mon-Fri, 8.30am-4.30pm

### Woolston campus

Ensors Road, Christchurch

Mon-Thu, 8am-5pm | Fri, 9am-4.30pm

### Timaru campus

32 Arthur Street, Timaru

Mon-Thu, 8am-5pm | Fri 8am-4.30pm

### Ashburton campus

37 Alford Forest Road, Ashburton

Mon-Fri, 8am-4.30pm

### Oamaru campus

44 Humber Street, Oamaru

Mon-Fri, 9am-3pm

### City Ara Connect

City campus, Madras Street, Christchurch

### Papanui Ara Connect

Papanui High School, 30 Langdons Road, Christchurch

### Timaru Ara Connect

Timaru campus, 32 Arthur Street, Timaru

### Woolston Ara Connect

Woolston campus, Ensors Road, Christchurch

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## How to apply

### Applying online

If you know which course you want to study, go to that course's page on our website and look for the 'Apply Now' button. This will open a form specifically for that course. You can save as you go and return to it later. When you finish, simply click 'Submit' and we'll start processing your application.

### Applying using a hard copy application form

Printed application forms are available at all Ara campuses. Alternatively, you can download a PDF to print at [ara.ac.nz/study-options/how-to-apply](http://ara.ac.nz/study-options/how-to-apply). Once you've completed your application form, drop it in to your nearest Ara campus, or mail it to:

Ara Enrolment Centre  
PO Box 540  
Christchurch Mail Centre  
Christchurch 8140  
New Zealand

If you have any questions about the application process, call us on **0800 24 24 76**

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## Open days

To explore study options, meet tutors and check out our campus facilities, come along to one of our open days, held in January and June each year. See the website for dates, times and locations.

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## Campus tours

A guided campus tour is a great way to see Ara in action and get a feel for what it's like to study with us. To request a tour, go to [ara.ac.nz/book-a-tour](http://ara.ac.nz/book-a-tour).



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## Want to find out more?

For details of all courses, including full entry criteria and how to apply, visit [ara.ac.nz](http://ara.ac.nz)

Get in touch if you have any questions: **0800 24 24 76 | [info@ara.ac.nz](mailto:info@ara.ac.nz)**