

Ara Pūhanga & Hoahoanga

# Engineering & Architecture

STUDY OPTIONS 2021/2022

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



Institute of Canterbury

Ara rau, taumata rau



Joshua  
Ara graduate

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

# 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.

At Ara we focus on practical, applied engineering with the aim of preparing you for a diverse spectrum of employment opportunities, both in New Zealand and overseas. An Ara 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:** Engineering manager, electrical technician, engineering technologist, mechanical engineering technician, mechanical engineering technologist, structural design technician, transportation infrastructure design technician, water and wastewater systems technician, software engineer, software tester, CAD manager or designer.

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				
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			
Master of Sustainable Practice	9	15 years			

\*Electrical specialisation February intake only



“  
The small class sizes suited me.

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Richard,  
Ara graduate

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.

# Architectural Studies



Whether you choose to study architectural technology, interior design, construction management or quantity surveying, 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, quantity surveyor, estimator, construction 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				
New Zealand Diploma in Interior Design (Residential)	5	1 year	✓		Feb
New Zealand Diploma in Architectural Technology	6	2 years			Feb/Jul
New Zealand Diploma in Construction (with specialisations in: Construction Management; and Quantity Surveying)					
Bachelor of Architectural Studies	7	3 years	✗		Feb
Bachelor of Construction (with specialisations in: Construction Management; and Quantity Surveying)			1 year		✓
Graduate Certificate in Building Information Modelling					
Graduate Diploma in Construction Management					
Graduate Diploma in Quantity Surveying					
Master of Sustainable Practice	9	15 years			

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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

Open Monday to Friday 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 8.30am-4.30pm

### City Ara Connect

City campus, Madras Street, Christchurch

### Papanui Ara Connect

Papanui High School, 30 Langdons Road, Christchurch

### Rangiora Ara Connect

Rangiora High School, 125 East Belt, Rangiora

### 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 July 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/search](http://ara.ac.nz/search)

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