

# 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:** 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
Œ	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			
	Bachelor of Engineering Technology (with specialisations in: Civil; Electrical*; and Mechanical)	7	3 years			
	Master of Sustainable Practice	9	1.5 years			

 $<sup>^*</sup>$ Electrical specialisation February intake only



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# 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.

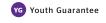
# **Architectural Studies**



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, and building information modeling 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		<b>,</b>		
New Zealand Diploma in Interior Design (Residential)	5	1 year			Feb
New Zealand Diploma in Architectural Technology					Feb/Jul
New Zealand Diploma in Construction (with specialisations in: Construction Management; and Quantity Surveying)	6	2 years			
Bachelor of Architectural Studies		3 years	×		Feb
Bachelor of Construction (with specialisations in: Construction Management; and Quantity Surveying)			~		Feb/Jul
Graduate Certificate in Building Information Modeling	7	6 months			Feb
Graduate Diploma in Building Information Modeling		1 year			Feb/Jul
Graduate Diploma in Construction Management					
Graduate Diploma in Quantity Surveying					
Master of Sustainable Practice	9	1.5 years			









### Locations & contact details

Website ara.ac.nz **Email** info@ara.ac.nz

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

#### City campus

#### Manawa campus

#### **Woolston campus**

#### **Timaru campus**

#### **Ashburton campus**

#### Oamaru campus

Mon-Fri, 8.30am-4.30pm

#### **City Ara Connect**

City campus, Madras Street, Christchurch

#### **Papanui Ara Connect**

#### **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

# How to apply

#### **Applying online**

#### Applying using a hard copy application form

call us on **0800 24 24 76** 

# Open days

To explore study options, meet tutors and check out our campus facilities, come along to one of our open days, held and locations.

## 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.











## Want to find out more?

For details of all courses, including full entry criteria and how to apply, visit ara.ac.nz

Get in touch if you have any questions: 0800 24 24 76 | info@ara.ac.nz