


# Architectural Technology






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# Fiona

 Quantity Surveying & Architectural Technology

 Founder, Hapū Housing Solutions

## Where did your passion for the built environment start?

I saw the housing crisis in Aotearoa getting worse and worse and a lot of Māori displaced in the community as a result. I used to be a property coordinator, so I was in a position where I understood the industry and I knew I had to do something.

I knew change had to happen right at the beginning of the house creation process which is where quantity surveying and architectural technology come in.

## What does a quantity surveyor do?

Quantity surveyors manage the finances for construction projects. We calculate budgets based on clients' requirements and prepare estimates to ensure budgets are sufficient for each stage of construction.

At WelTec I learnt a range of skills like how to create preliminary cost estimates and cost plans, how to administer contracts and measure and manage quantities of resources, how to prepare construction projects and so much more.

## What was your study experience like at WelTec?

WelTec provided a learning environment that made students feel like they really mattered – they were flexible and understood that life happens. The whānau support was incredible and the team felt like the aunties and uncles that you know.

I also have to credit the talented tutors – they know a lot about the industry which was really key to my success.

## What is your business Hapū Housing Solutions all about?

We are focused on creating affordable housing solutions for Māori to return to their whenua. Hapū Housing Solutions takes a holistic approach by looking at ways beyond housing to create a financially feasible ecosystem for Māori to exist in.

## What did you learn at WelTec that helps you in your job today?

The most important thing I learnt was to be unashamedly Māori. WelTec allowed me to bring my lived experience into the classroom and have a place inside the built environment whānau which felt really unique.

## What would you say to someone considering studying built environment?

There's a lot of sacrifice you have to make but it's completely worth it. All the stats say the industry is in demand and one that anyone at any age should be jumping in to.

Follow the QR code below to read the full story.





# Whitireia and WelTec | Te Pūkenga tutor takes up lead role at newly created Wellington hub for international professional body - Chartered Institute of Building (CIOB)

Published on 29 March 2023

**Oliver Ho, a senior academic staff member in the built environment programmes at Whitireia and WelTec | Te Pūkenga, has been made chair of the newly created Emerging Wellington Hub of the Chartered Institute of Building (CIOB).**

The CIOB, which is based out of the UK with offices worldwide, is the global professional body for construction management and leadership, founded in 1834 with a Royal Charter to promote the science and practice of building and construction for the benefit of society. The CIOB has an existing presence in Tāmaki Makaurau Auckland and Ōtautahi Christchurch, but this is the first time it will have formal representation in Te Whanganui-a-Tara Wellington.

“It is a real privilege to take on this role, which I see as greatly beneficial for our ākonga (learners) and kaimahi (staff) at Whitireia and WelTec” says Oliver. “It will be a fantastic way to connect ākonga, kaimahi and alumni with the highest standard of professionals in the built environment sector all over the world.”

Commenting on Oliver’s new position, Mark Oldershaw, Manahautū, Executive Director at Whitireia and WelTec says: “It is well known that Aotearoa New Zealand has a huge challenge ahead in terms of its infrastructure pipeline, and vocational education will be at the forefront of workforce provision for this. Hands-on, practical expertise is what will be required as ākonga graduate and get to work on New Zealand’s built environment. The more real world experience we can bring into our education and training, and the more connected we are with the sector, will ensure our ākonga are equipped with cutting edge skills and expertise. Having our academic staff, like Oliver, take on these industry positions is absolutely key to enabling this. I congratulate Oliver on his new role.”

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The built environment programmes at Whitireia and WelTec include Architectural Technology, Engineering and Quantity Surveying. Oliver has been a senior academic staff member at Whitireia and WelTec for two years, prior to which he lectured at Otago Polytechnic and Auckland University of Technology.

# New Zealand Diploma in Architectural Technology (Level 6)

📖	Level 6
🕒	2 years full-time (part-time options)
💰	\$7,832 per year (indicative for 2025 intake)
🌐	NZ \$26,000* per year (indicative for 2025 intake)

Get a qualification in architectural technology. Learn how residential and medium buildings are designed through understanding building construction and compliance regulations. Develop technical drawing skills to prepare preliminary design, develop building concepts and create working drawings using the latest computer aided design (CAD) software.

## What you will learn

Build your portfolio and let your skills take you places in this exciting industry as an Architectural or BIM technician, draughtsperson or designer.

- Understand building construction
- Prepare preliminary designs and develop building concepts
- Create working drawings for residential and industrial buildings
- Evaluate the principles of architectural design
- Understand residential and commercial services
- Become proficient in CAD (computer-aided design software)
- Design details for building assembly

## Career options

- Architectural technician
- BIM technician
- Draughtsperson
- Architectural designer
- Kitchen and bathroom designer
- Compliance officer

## Entry requirements

### Under 20

A minimum of 50 NCEA credits at Level 2 and a minimum of 12 credits in NCEA mathematics (or Pangarau) Level 1 and 12 literacy credits at NCEA Level 1;

OR

A relevant qualification at NZQF Level 4 or above;

OR

A recognised equivalent.

### 20+ years

If you're 20 years or over, you may qualify for special admission on this programme. Contact us if you don't meet the Under 20 entry criteria.

### Special entry

Special entry may be granted by the Head of School responsible for the programme to an applicant who does not meet all entry requirements, where the Head of School is satisfied the applicant is capable of undertaking the programme of study.

### International

Minimum IELTS (academic) score of 6 with no band score lower than 5.5, or equivalent.

Find your country's [equivalent academic entry requirements here](#).

\*For fee exclusions, please see our [terms and conditions](#).

## [Course selection sheet](#)



Disclaimer: The information contained in this document is correct at the time of print. Whitireia and WelTec | Te Pūkenga reserves the right to cancel or postpone any of the programmes, and shall not be liable for any claim other than the proportion of programme fees that the cancelled portion bears. Some programmes may be dependent upon formal approval from NZQA (New Zealand Qualifications Authority), TEC (Tertiary Education Commission) funding allocation, and the number of enrolments. As part of the NZQA targeted review of all Level 1-6 New Zealand qualifications, there may still be changes to some programmes starting in 2024. Fees, programmes, entry and selection criteria, and dates, are subject to change. Please check the relevant programme pages at [whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz) for up-to-date information and full entry regulations before applying to enrol. Information regarding English language requirements is available on each course page at [whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz).