NZ Diploma in Architectural Technology

Level 6

This programme will offer you stimulating studies and provide a pathway to your professional qualification as an architectural technician.

Gain the knowledge, skills and attitudes required to become a productive member of an architectural design team - undertake practical learning to learn the whole process of producing architectural drawings, from establishing a client's requirements right through to submission of the final designs.

Location	**Hawke's Bay**
Start	**February**
Length	**Two years full-time***
Contact	**Jo Rolfe**
	Phone: 06 830 1913
	Email: jrolfe@eit.ac.nz

* Two years full-time on campus or four years part-time evening class on campus. Evening class option subject to sufficient enrolments, please register your interest now.

For NZ Citizens and Permanent Residents

EIT

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Design the world

Every building needs an Architectural Technologist. The skills you learn from this programme are valuable wherever there is construction. This qualification is for you if you are wishing to work as an architectural technician but also provides recognition of knowledge and skills if you are already working in the role.

Upon completion of Year One of this programme you will be able to:

- Use basic industry knowledge to evaluate design principles for small building projects in a design, building or construction related environment.

- Carry out feasibility studies for small buildings.

- Be able to communicate a concept and building design and prepare approval documentation for a building project in accordance with a design brief.

- Evaluate the performance of and select standard and non-specific materials and finishes to be used in the building process.

- Prepare, organise and present architectural working drawings for small buildings using manual and digital technologies in accordance with statutory and regulatory environment.
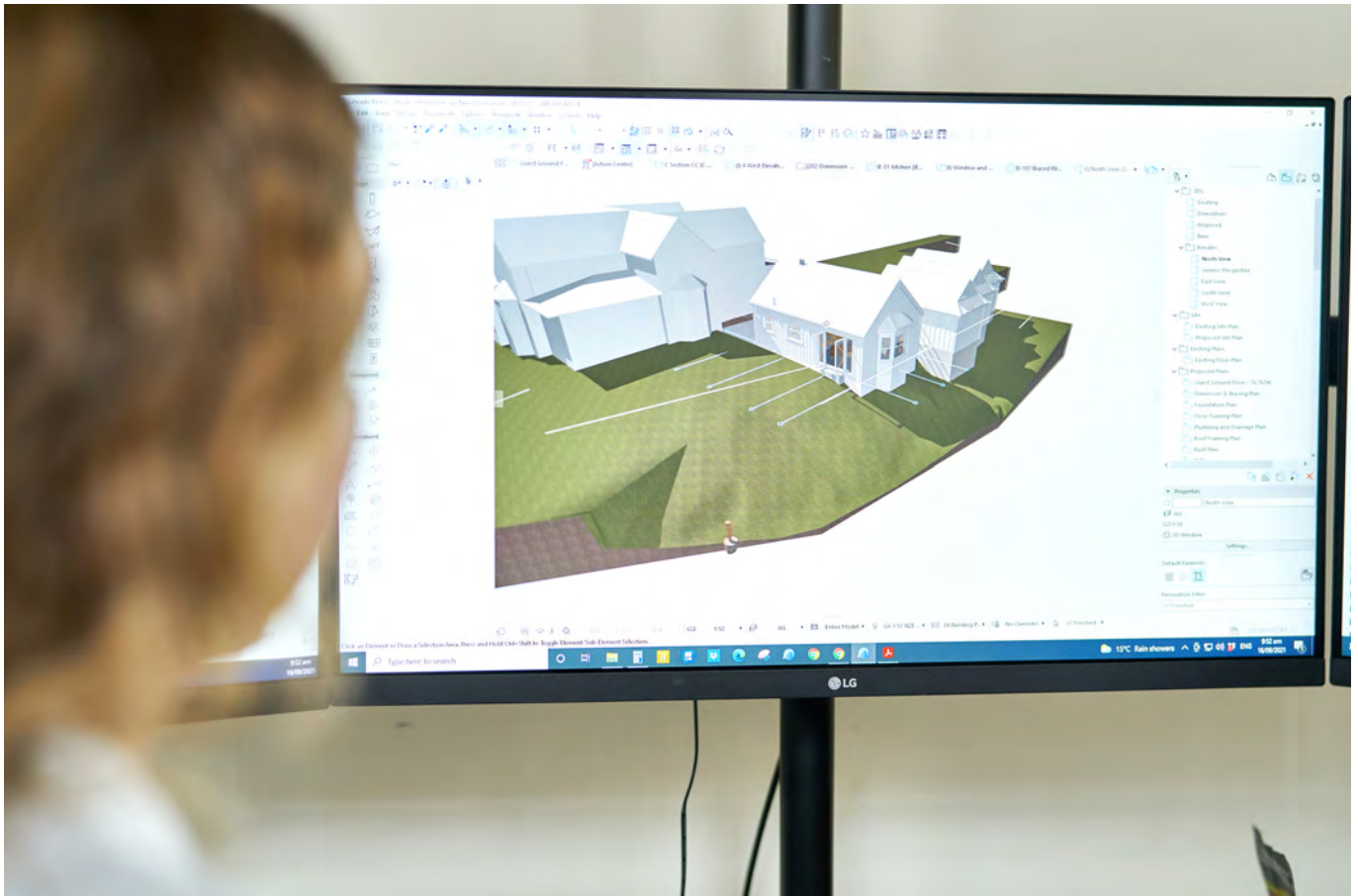
As a graduate of this qualification you will be able to:

- Apply comprehensive knowledge of construction principles and methodology to evaluate design for small and medium building projects in a design, building or construction related environment.

- Carry out feasibility studies for small, medium and large buildings.

- Establish the clients' requirements, develop and communicate a concept and building design, and prepare approval documentation for a building project in accordance with a clients' brief.

- Evaluate the performance of and select materials and finishes to be used in the building process.

- Prepare, organise and present architectural documentation for small and medium buildings using manual and digital technologies in accordance with the legislative and regulatory environment.

- Apply knowledge of the roles and responsibilities, documentation and administrative requirements, including the tendering process to construction contract management processes.

- Apply organisational principles, use digital technologies and industry best practice to communicate effectively with parties to a construction contract.

Career Opportunities

As a graduate you will provide the construction industry with the essential knowledge and skills required to enter employment as an architectural technician on small and medium scale building projects of limited complexity through all stages to completion. Additionally, you may be competent to assist with large and/or complex projects.

NZ Diploma in Architectural Technology
Level 6, 240 credits

📍 Hawke's Bay

⏱ Full-time: 2 years (on campus)
Part-time: 4 years (evening class on campus)

💲 Fee: Visit fees.eit.ac.nz to see the fees for this programme

Timetable

Your study time will be made up of contact time (class times, tutorials, industry-based learning) and non-contact time (your own individual study time).

Contact Time

Full-time Students

There will be 15 contact hours per week on campus.

Part-time Students

Evening classes are designed for part-time study. Your contact time will be six (6) hours per week (across two evenings) on campus.

Part-time intake every second year only and is subject to sufficient enrolments. Please register your interest on jrolfe@eit.ac.nz

For a current timetable, please refer to eit.ac.nz/students/timetable.

Non-contact Time

You should plan to spend 1-2 hours per week, per classroom hour, on individual study.

Additional Costs

- $500 approximately for textbooks, stationery and modelling materials.

Entry Requirements

Academic Requirements

Successful applicants for entry will have a minimum of:

- Level 2 NCEA; or
- Successful completion of a relevant bridging/foundation programme with content that matches the preferred subjects and vocational pathways.

Special Admission

- Granted to applicants aged 20 and over with no formal qualifications but who are enthusiastic and motivated students, or they may have evidence of relevant prior learning and experience.
- Applicants from high school with subject strengths in English, mathematics, art, physics, graphics and design and with standards from the creative industries or construction and infrastructure vocational pathways are preferred.

English Language Entry Requirements

If English is not your first language you are required to have attained an acceptable level of English language fluency. This may be demonstrated in a variety of ways, including successful study in English; completion of a New Zealand Certificate in English Language (Level 4 with an Academic endorsement); approved scores on IELTS tests (Academic score of 6.0 with no band score lower than 5.5); or completion of accepted international equivalents.

Assessments

Assessments include theory assignments, tests, practical work assignments and projects. Assessments are continuous throughout the year.

Facilities

Facilities include computer rooms and laboratories with up-to-date specialist design software.

Scholarships

Scholarships are a way to help financially support your study. They can make life easier by helping to cover your fees and living expenses while you complete your qualification. You don't always need to be an academic high-flyer to qualify.

Find out what's available at scholarships.eit.ac.nz or for general scholarship information please contact scholarships@eit.ac.nz.

Programme Structure

P = Pre-requisite - a course that must be passed before enrolment in the present course.

Full-time (on campus)

Year 1	**Sem 1**	CONS5001 Introduction to Construction	CONS5002 Materials and Structural Principles
		CONS5005 Construction 1 Residential	CONS5706 Drawing 1
	Sem 2	CONS5707 Scoping and Preliminary Design 1 *P: CONS5005, CONS5706*	CONS5003 Environment
		CONS5708 Documentation 1 *P: CONS5005, CONS5706*	CONS5004 Services *P: CONS5002, CONS5005*
Year 2	**Sem 1**	CONS6703 Design in the Built Environment	CONS6706 Scoping and Preliminary Design 2 *P: CONS5707*
		CONS6702 Contract Administration	CONS6707 Virtual Design and Construction *P: CONS5003, CONS5004, CONS5707, CONS5708*
	Sem 2	CONS6001 Construction 2: Commercial *P: CONS5005*	CONS6704 Detailing *P:CONS5707*
		CONS6705 Documentation 2 *P: CONS5707, CONS5708*	CONS6708 Industry Project *P: CONS5003, CONS5004, CONS5707, CONS5708*

Programme Structure

Part-time Evening Classes (on campus)

Two evenings per week, 4.00pm-7.00pm

Year 1	**Sem 1**	CONS5001 Introduction to Construction	CONS5002 Materials and Structural Principles
	Sem 2	CONS5005 Construction 1 Residential	CONS5706 Drawing 1
Year 2	**Sem 1**	CONS5707 Scoping and Preliminary Design 1 *P: CONS5005, CONS5706*	CONS5003 Environment
	Sem 2	CONS5708 Documentation 1 *P: CONS5005, CONS5706*	CONS5004 Services *P: CONS5002, CONS5005*
Year 3	**Sem 1**	CONS6703 Design in the Built Environment	CONS6706 Scoping and Preliminary Design 2 *P: CONS5707*
	Sem 2	CONS6702 Contract Administration	CONS6704 Detailing *P: CONS5707*
Year 4	**Sem 1**	CONS6001 Construction 2: Commercial *P: CONS5005*	CONS6705 Documentation 2 *P: CONS5707, CONS5708*
	Sem 2	CONS6707 Virtual Design and Construction *P: CONS5003, CONS5004, CONS5707, CONS5708*	CONS6708 Industry Project *P: CONS5003, CONS5004, CONS5707, CONS5708*

Experienced Lecturers

At EIT, you can be confident in the quality of our teaching and your learning experience.

EIT is highly regarded in New Zealand for research excellence due to the quality of our community centred research, our publications and our external grant income provided by funding institutions who have confidence in our research capability. You can be confident your lecturers use the latest knowledge and research in their field of expertise to inform their teaching, and many are at the forefront of knowledge creation within their discipline area.

The experience you need & the support to succeed

When you study at EIT you'll get the kind of experiences that will help you gain the knowledge and skills to get ahead.

You'll also be supported by lecturers and tutors who are here for you, within a learning environment where you are treated as an individual, not just a number.

They'll know your name and you'll receive one-on-one attention to make sure you get the support to succeed.

Programme Information

For the full-time programme, year one consists of eight compulsory courses totalling 120 credits at Level 5 and year two consists of eight compulsory courses totalling 120 credits at Level 6.

Applicants wanting to study part-time are advised to contact the Programme Coordinator, before enrolment, to discuss their preferred study options.

Course Descriptions

In the following descriptions: Pre-requisite = courses which must be studied before.
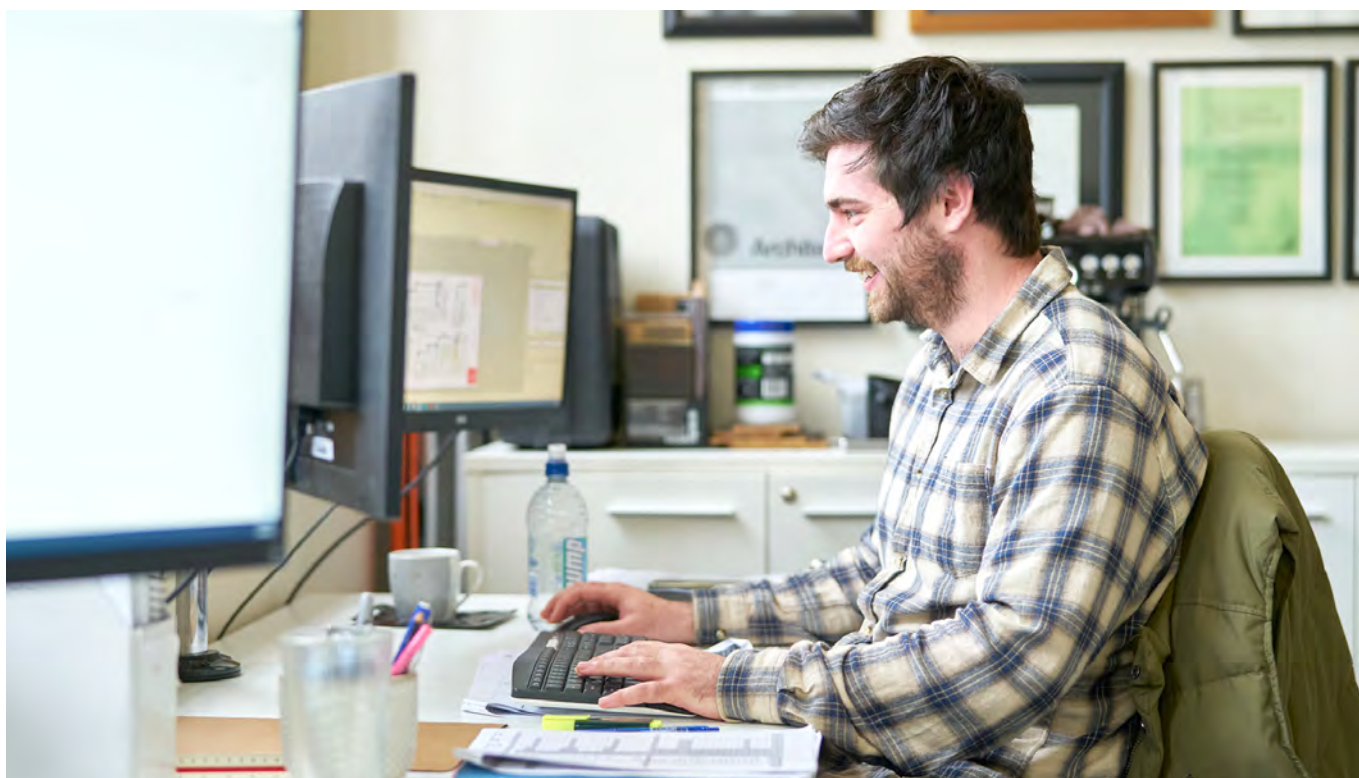
Year One - Level 5

Course No.	Brief Description	NZQA Level	No. of Credits
CONS5001	**Introduction to Construction** This course is an introduction to the construction industry and the aim is to develop knowledge and skills related to construction roles, responsibilities, documentation and communication.	5	15
CONS5002	**Materials and Structural Principles** The aim of this course is to develop knowledge and skills of structural principles and the properties of materials and finishes applicable to building projects.	5	15
CONS5003	**Environment** The aim of this course is to develop knowledge and skills to evaluate site and building limitations including environmental impacts and sustainable methods of construction.	5	15

Course No.	Brief Description	NZQA Level	No. of Credits
CONS5004	**Services** The aim of this course is to develop knowledge and skills relevant to the purpose, operating principles, coordination, and legislative requirements required to manage a range of services in small, medium, and large buildings. *Pre-requisite: CONS5002, CONS5005*	5	15
CONS5005	**Construction 1: Residential** The aim of this course is to develop and apply knowledge and skills related to structures, building envelope and the interior for a small building.	5	15
CONS5706	**Drawing 1** The aim of this course is to develop graphical skills and knowledge to prepare design and construction documentation.	5	15
CONS5707	**Scoping and Preliminary Design 1** The aim of this course is to develop the knowledge and skills to develop a preliminary architectural design for a small building project. *Pre-requisite: CONS5005, CONS5706*	5	15
CONS5708	**Documentation 1** The aim of this course is to develop the knowledge and skills to prepare the documentation required for the construction of small buildings. *Pre-requisite: CONS5005, CONS5706*	5	15

Year Two - Level 6

Course No.	Brief Description	NZQA Level	No. of Credits
CONS6001	**Construction 2: Commercial** The aim of this course is to develop the knowledge and skills to select and incorporate foundation methods, structural systems, building envelope and the interior for medium and large buildings. *Pre-requisite: CONS5005*	6	15
CONS6702	**Contract Administration** The aim of this course is to develop the knowledge and skills to prepare tender documentation, evaluate a tender and complete post tender, construction and post-construction administration.	6	15
CONS6703	**Design in the Built Environment** The aim of this course is to develop the knowledge and skills to apply social and cultural factors to the design principles of the built environment.	6	15
CONS6704	**Detailing** The aim of this course is to develop the knowledge and skills to interpret and prepare construction details. *Pre-requisite: CONS5707*	6	15
CONS6705	**Documentation 2** The aim of this course is to develop the knowledge and skills to prepare documentation required for the construction of medium buildings. *Pre-requisite: CONS5707, CONS5708*	6	15
CONS6706	**Scoping and Preliminary Design 2** The aim of this course is to develop the knowledge and skills to prepare building proposals, building design drawings and associated approval documentation. *Pre-requisite: CONS5707*	6	15
CONS6707	**Virtual Design and Construction** The aim of this course is to develop the knowledge and skills of the principles of building information modelling in order to establish design solutions. *Pre-requisite: CONS5003, CONS5004, CONS5707, CONS5708*	6	15
CONS6708	**Industry Project** The aim of this course is to develop knowledge and skills to conduct and present the findings of an investigation within the construction industry. *Pre-requisite: CONS5003, CONS5004, CONS5707, CONS5708*	6	15

How to Enrol

There is an easy 3-step process to follow when enrolling at EIT.

Step 1

Check out eit.ac.nz to see the programmes available for you to study. A copy of the course information for each programme is available on our website.

Step 2

You can now use your RealMe verified identity to apply for study at EIT. If you use your RealMe verified identity you will no longer be sent a copy of your application form to sign. You also will not need to provide us with a copy of your primary ID.

If you apply online without using RealMe then you will be sent a summary of your enrolment to check and sign. It will also include course selection forms which you need to complete and return. Your enrolment cannot progress until you have sent the summary and forms back to us.

You can also apply using a paper enrolment form. Please call us on 0800 22 55 348 and we will send you one.

You will receive an acceptance letter from your Faculty with programme information. This will include the start date of your study and any special information regarding your programme. Depending on your chosen programme of study, you may be invited to attend an interview before you are accepted.

Step 3

Arrangement for full payment of enrolment fees must be made before the start of your programme. You will receive an invoice with payment details.

Fees Free Government Scheme: Tertiary education is fees-free for eligible domestic tertiary students. To check if you are eligible, go to FeesFree.govt.nz and enter your National Student Number (NSN). If you are not eligible you will be responsible for paying your fees.

Scholarships and Grants: Scholarships and grants make life easier by helping to cover your fees, other costs and living expenses while you study. You don't always need to be an academic high-flyer to qualify. You can find out more about scholarships and other options for paying your fees at eit.ac.nz.

StudyLink: If you need to pay for your own study you can choose to apply for your Student Loan and Student Allowance with StudyLink. You should do this early, even if you haven't yet been accepted on your programme. You can change your details later if anything changes. Visit studylink.govt.nz to find out more about StudyLink.

Student Services Levy

The student services levy is a compulsory non-tuition fee that is charged to students enrolled at EIT. The levy is to contribute to the provision of quality student services that support learning. The funds received by EIT from the levy are ring-fenced, meaning they can only be spent on student services.

Student Loans and Allowances

StudyLink is a service of the Ministry of Social Development. Apply well before your programme begins (even if you haven't been accepted yet) so you'll be ready to get your payments when you need them most.

Check out what you qualify for at studylink.govt.nz.

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