

2024

Information Technology Postgraduate Suite

Postgraduate Certificate, Postgraduate Diploma
or Master Degree

Level 8–9

These qualifications are designed to further prepare and enhance your employment opportunities in the IT sector where there are recognised skills shortages in New Zealand and internationally.

The Information Technology qualification combines a masters, postgraduate diploma and a postgraduate certificate into a flexible, multi-layered programme designed to extend, deepen and consolidate your future at the forefront of Information Technology.

The programme will further develop your ability to think critically while gaining specialised knowledge and a number of high-level skills in the IT field that can be applied in a wide range of IT situations.

Location	Auckland and Hawke's Bay*
Start	February, April, July and October
Length	From 6 to 24 months full-time**

Contact	Lavinia Wyatt - Hawke's Bay Phone: 06 830 1279 Email: lw Wyatt@eit.ac.nz
	Programme Administration - Auckland Email: adminak@eit.ac.nz

* Auckland offering by way of blended delivery (face-to-face and online learning).
Hawke's Bay offering by way of on-campus delivery.
** Length of time depends on qualification chosen. Part-time study available.
For NZ Citizens and Permanent Residents



Advance your knowledge in the IT field

Master of Information Technology (MIT)

The MIT is a level 9 programme with a minimum of 180 or 240 credits. It enables those who have completed a Bachelors' degree in Information Technology/ Computing to achieve a postgraduate level qualification in Information Technology.

The programme can be completed in 24 months (240 credits) or 18 months (180 credits) full-time or up to six years part-time, depending on your previous study and experience and specific course preferences.

It is designed to extend and deepen your knowledge and skills by building on attainment gained from undergraduate study in the computing field and to extend current information technology professionals in their career progression.

The programme builds on your existing information technology knowledge and skills through courses that research and apply that knowledge and those skills in an environment that combines project work, case studies, real-life simulations, and practical work experience.

It encourages flexibility, acknowledging the diversity of the IT environment and the diversity in student interest and needs.

You will be provided with courses where you can research and apply information technology knowledge and skills to a workplace encouraging you to apply research skills to identify solutions to information technology problems or issues.

Three pathways are offered:

1. Course work

A broad range of courses are offered from which students can select courses to further develop their professional knowledge and skills.

2. Industry integrated (Professional Practice)

This programme is tailored to meet both students' and their organisation's development requirements.

3. Research

This programme allows students to undertake a significant applied research project to further develop research skills and applied knowledge.

The three pathways emphasise the application of knowledge to provide you with the opportunity to apply knowledge in the workplace and to focus on an aspect of Information Technology through completion of a range of research projects.

Postgraduate Diploma in Information Technology (PGDipIT)

The PGDipIT is a one year level 8 full-time programme with a minimum of 120 credits. It enables those who have completed a computing degree to achieve a postgraduate level qualification in information technology.

Those who wish to progress from the PGDipIT to the MIT will need to complete eight courses (120 credits) at level 8.

The programme can be completed in 12 months full-time or up to four years part-time, depending on your previous study and experience and specific course preferences. It can act as an entry point into the masters degree if you do not initially meet the entry requirement and need to demonstrate your ability to study at a postgraduate level. Alternatively, if you initially enrolled in the masters degree and are not in a position to complete it, you can transfer any applicable courses to the postgraduate diploma for the purposes of qualification completion.

Postgraduate Certificate in Information Technology (PGCertIT)

The PGCertIT is a level 8, 60 credit programme which enables those who have completed a computing bachelor degree, or similar, to achieve a postgraduate level qualification in the information technology area.

The programme can be completed in six months full-time or up to two years part-time, depending on your previous study and experience and specific course preferences. It can act as an entry point into the masters degree if you do not initially meet the entry requirement and need to demonstrate your ability to study at postgraduate level. It also provides an exit qualification if you have enrolled in the masters degree and, for some reason, are unable to complete the degree.



Master degree

Level 9, 240 credits

(Minimum of 45 credits at level 9, with remainder at level 8)



Auckland and Hawke's Bay



Full-time: 24 months

Part-time: up to 6 years



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

Master degree

Level 9, 180 credits

(Minimum of 45 credits at level 9, with remainder at level 8)



Auckland and Hawke's Bay



Full-time: 18 months

Part-time: up to 6 years



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

Postgraduate Diploma

Level 8, 120 credits

(Minimum of 75 credits at level 8, with remainder at level 7)



Auckland and Hawke's Bay



Full-time: 12 months

Part-time: up to 4 years



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

Postgraduate Certificate

Level 8, 60 credits

(All 60 credits at level 8 or above)



Auckland and Hawke's Bay



Full-time: 6 months

Part-time: up to 2 years



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

2024 Key dates

Intake one starts Monday, 12 February

Intake two starts Monday, 29 April

Intake three starts Monday, 22 July

Intake four starts Monday, 7 October

Semester breaks 15–26 April, 1–19 July, 30 September–11 October

Career and study opportunities

The MIT, PGDipIT and PGCertIT qualifications enable you to pursue domestic and/or international professional careers within different types of industries and agencies. These can include the following areas:

- Systems analyst
- IT consultant
- Business analysts
- IT infrastructure support analyst
- E-commerce advisor
- Project manager
- Security analyst
- IT manager

Industry-based training

The Information Technology postgraduate suite of programmes aims to produce graduates who have industry relevant practical and theoretical skills in this area. The majority of courses include some industry-based project or case study based work.

Timetable

Your study time will be made up of contact time (face-to-face classes, workshops, industry-based learning) and non-contact time (your own independent study, online learning).

Contact time

Postgraduate courses will be taught through blended delivery. This means part of the course will be communicated and completed online, with the rest consisting of self-directed activities, industry-based work, and on-campus workshops.

Each level 8 taught course comprises seven learning modules. Modules comprise of a mix of face-to-face, independent study and online learning.

The face-to-face delivery of the modules is flexible and adjusted according to your needs. The face-to-face component will usually be taught in a classroom environment but may also include workplace learning and simulation and will be delivered primarily using seven, four hour, on-campus classes.

Level 9 courses are principally supervised independent study. The Capstone course includes face-to-face and simulation components.

Elective courses from other EIT | Te Pūkenga schools may be delivered using a different modality. You should consult the appropriate school's Postgraduate Handbook and course timetable.

Non-contact time

You should plan to spend 16 hours per week per credit point on independent study.

Access to a computer and the internet is required to complete this programme.

Additional costs

- \$120 approximately per course for textbooks
- \$120 approximately per year for stationery
- You are advised to purchase suitable equipment to sustain studies in the computer field, and BYOD is encouraged for use in class, though workstations are supplied for all laboratory work.

Entry requirements

A personal interview may be part of the application process.

Academic entry requirements

Applicants must meet one of the following criteria:

MIT (240 credits)

- A NZQF-listed undergraduate degree (or equivalent) including courses that develop an understanding of Information Technology; or
- At the discretion of EIT | Te Pūkenga, where an applicant's situation is compelling but not covered by the requirements listed above.

MIT (180 credits)

- A NZQF-listed undergraduate degree (or equivalent) in the Information Technology field with a minimum of the equivalent to a B average as per the EIT | Te Pūkenga-specified 11-point achievement-based grading system; or
- A graduate diploma (or equivalent) in the Information Technology field with a minimum of the equivalent to a B average as per the EIT | Te Pūkenga-specified 11-point achievement-based grading system degree; or
- An equivalent professional qualification in a different field if the applicant can supply evidence of work experience at degree level or above within the Information Technology field, subject to an interview and/or the submission of a portfolio of evidence to establish the status and relevance of the applicant's prior learning and experience; or
- Completion of the Postgraduate Diploma in Information Technology with a minimum B average; or
- At the discretion of EIT | Te Pūkenga, where an applicant's situation is compelling but not covered by the requirements listed above.

NOTE: A MIT applicant who does not meet the entry criteria above may be admitted to the PGCertIT and, upon successful completion of four courses (with a minimum B average) from the schedule of courses may be admitted to the MIT.

PGDipIT (120 credits)

- An undergraduate degree in computing at a recognised educational institute; or
- An undergraduate degree in a related area (e.g. business, visual arts, and science) and appropriate IT work experience in a junior/middle management position.
- Tertiary graduates who have appropriate work

experience in a middle/senior management position and wish to improve their skills and gain a higher level qualification may also apply; or

- At the discretion of EIT | Te Pūkenga, where an applicant's situation is compelling but not covered by the requirements listed above.

PGCertIT (60 credits)

- A NZQF-listed undergraduate degree (or equivalent) in Information Technology, Computing or similar; or
- An undergraduate degree in a related field with a minimum of the equivalent to a B average (as per the EIT | Te Pūkenga-specified 11-point achievement-based grading system), subject to assessment by the Programme Coordinator; or
- At the discretion of EIT | Te Pūkenga, where an applicant's situation is compelling but not covered by the requirements listed above.

Provisional entry

- Applicants who do not meet the criteria above, but present evidence of ability to succeed (e.g. maturity, life experience, work experience, other study); or
- Entry to subsequent study is conditional on success at the entry level.

English language entry requirements

All applicants must demonstrate an acceptable level of English language fluency prior to acceptance in their programme. For international students, ways in which English language fluency may be demonstrated include the following:

- Successful study of a programme in which English was the language of instruction (conditions apply).
- Completion of a New Zealand Certificate in English Language (Level 5 with any endorsement).
- IELTS Academic score of 6.5, with no band score lower than 6, achieved in a single test within the two years preceding enrolment.
- Completion of accepted international English language proficiency tests (refer to NZQA English language entry requirements for international students) with scores equivalent to the IELTS scores above.

Entry with credit

You may already have some knowledge or skills that can be recognised as part of your intended study. This may take a number of different forms including study at any other tertiary institution, life or work experiences and workplace training can also be considered. If you think you qualify, you can apply for Cross Credit (CC) or Recognition of Prior Learning (RPL).

- CC is based on the equivalency of courses or qualifications. You would apply for CC if you have passed a very similar course at the same level.
- RPL is based on the assessment of your current knowledge and skills. You would apply for RPL if you had gained the relevant knowledge and skills through life experiences and informal learning situations.

- CC and RPL can only be awarded for level 8 study, not level 9.

You will be asked to provide details of anything that you would like considered as credit toward your intended programme of study, as part of your application.

You must apply prior to enrolment in the course.

CC and RPL cannot be awarded for a course if you are enrolled in that course.

CC may be granted from other degree programmes, providing they are not part of the entry qualification.

For further information and enquiries about CC and RPL please contact the Postgraduate Programmes Administrator in your region.

Auckland – Programme Administration email adminak@eit.ac.nz

Hawke's Bay – Lavinia Wyatt on 06 830 1279 or email lwyatt@eit.ac.nz

Assessments

All level 8 and 9 course work assessments are marked internally. Assessments consist of assignments, tests, practical demonstrations, presentations, projects and case studies.

Assessments for supervised courses with a credit value of 30 credits or more are independently examined.

It is EIT | Te Pūkenga policy to independently moderate all assignments and assessments.

Facilities

The campus is a pleasant environment for study which emphasises small class sizes and utilises a range of general purpose rooms all with data show equipment. There are specific labs for software development, hardware, multimedia and a room for computer study.

EIT is now part of Te Pūkenga

Te Pūkenga brings together New Zealand's Institutes of Technology, Polytechnics, and Industry Training Organisations to build a network of on job, on-campus and online learning.

The services we offer not only remain, they are strengthened by being part of the extensive Te Pūkenga network around the country. Your enrolment for study in 2024 will see you enrolling with Te Pūkenga and becoming part of the extensive Te Pūkenga network around the country.

The experience you need & the support to succeed

When you study at EIT | Te Pūkenga 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.



Experienced lecturers

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

EIT | Te Pūkenga 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.

Lecturers in the School of Computing bring to their teaching a wide range of practical computing skills together with the appropriate qualifications. We value our partnership with students and aim to provide quality education in a supportive environment, encouraging personal growth and professional development.

Name	Qualification
Glen Shadbolt <i>Programme Coordinator</i>	MA, BA, BAS (ILS), RLIANZA
Auckland campus	
Dr Dobrila Lopez	PhD, MEng, GradDipIT, BE, CertIT
Dr Samuel Ekundayo	PhD, MSc, BSc, NatCertAdEd&T
Owen McCaffrey	MA (AppLinguistics), PGDipSLTchg, BMS (Finance)
Stuart McAdam	MA (Honours), MA, PGDipBus, BA, CertIT
Shafik Alam	
Hawke's Bay campus	
Dr Emre Erturk	PhD, MS, BA
Dr Surej P John	PhD, MBA (Marketing), BEng, NZCertAdTT



Programme information

The Master of Information Technology and postgraduate programmes in Information Technology are delivered as a coursework offering.

Master of Information Technology	240 credits A minimum of 45 credits at level 9 with the remainder at level 8
Master of Information Technology	180 credits A minimum of 45 credits at level 9 with the remainder at level 8
Postgraduate Diploma in Information Technology	120 credits A minimum of 75 credits at level 8 with the remainder at level 7
Master of Information Technology	60 credits A minimum of 60 credits at level 8 or above

Listed in the course descriptions, are the schedules of courses for the MIT and the two postgraduate qualifications in Information Technology.

Students deciding to pathway to the MIT will not be able to count their level 7 credits towards the master degree. The level 7 options are only advised if there is an identified specific knowledge gap. Should students elect level 7 courses, they would have to complete additional level 8 courses towards the MIT.

EIT | Te Pūkenga reserves the right to change timetables. Courses may be offered in different timeslots or cancelled if there is insufficient enrolments. Textbooks are required for several courses and the cost for textbooks is not included in the course fee.

Course descriptions

Courses are offered subject to sufficient enrolments.

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

Level 8 - Master of Information Technology and Postgraduate Programmes in Information Technology

Course no.	Brief description	NZQA level	No. of credits
	Advanced Mobile and Wireless Technologies		
ITPG8.600	To provide students with an understanding of the issues concerning the adoption of mobile and wireless technologies and the skills necessary to be able to make informed decisions when identifying the mobile or wireless technology best suited to a given purpose.	8	15
	Cybersecurity in the Enterprise		
ITPG8.770	To provide students with an opportunity to develop advanced knowledge of the information security domain and advanced skills to facilitate the design, installation and management of enterprise level cybersecurity.	8	15
	Data Analytics and Visualisation		
PGDAV8.100	The aim of this course is to provide students with learning opportunities to develop advanced knowledge and skills in data analytics and data wrangling for effective data-driven decision making and data visualisation.	8	15
	Information Sourcing and Evaluation		
PGISE8.200	The aim of this course is for students to develop the knowledge and skills to locate and interpret scholarly information in context of their discipline.	8	15
	He Hokinga Mahara (Māori Research Methodologies and Proposal)		
PGMS8.415	This course aims to further students' existing knowledge of research methodologies and to assist them in formulating a comprehensive and implementable research proposal within their field of study or work.	8	30
	Quantitative Methods and Contemporary Tools		
PGQM8.400	The aim of this course is for students to develop knowledge and skills in quantitative data analysis techniques and contemporary tools used by organisations.	8	15
	Applied Research Methods		
PGRM8.100	The aim of the course is to provide students with knowledge and skills related to research methodologies appropriate for conducting research in a range of disciplines.	8	15

Course no.	Brief description	NZQA level	No. of credits
PGRP8.100	<p>Research Proposal</p> <p>The aim of this course is to support students in identifying a problem or issue in their field of study or work and formulating a comprehensive and implementable research proposal to address this problem or issue.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Methods</i></p>	8	15
PGSCR8.100	<p>Scholarly Communication and Reflection</p> <p>The aim of this course is for students to develop advanced knowledge and skills in critical analysis, scholarly communication and reflective practice in the context of their discipline.</p>	8	15
PGST8.100	<p>Special Topic I</p> <p>The aim of this course is to develop students' knowledge, skills and techniques related to research and problem solving, and to support them in applying these in a small-scale study addressing an existing or emerging problem or issue in their discipline or industry.</p>	8	15
PGWIL8.100	<p>Work Integrated Learning</p> <p>This course provides students with experience in an applied information technology work environment and provides an opportunity to develop attributes relating to work place professional behaviours. The work placement provides an opportunity for students to extend and deepen their IT knowledge, building on the skills attained during their undergraduate degree. Students are required to reflect on theoretical approaches to IT work by identifying IT issues within a workplace and making recommendations which address those issues.</p> <p><i>Pre-requisites: Students must have completed at least 60 credits of postgraduate study.</i></p>	8	15

Level 9 - Master of Information Technology

Course no.	Brief description	NZQA level	No. of credits
PGST9.100	<p>Special Topic II</p> <p>The aim of this course is to further develop students' knowledge, skills and techniques related to research and problem solving gained throughout the programme of study, and to support students in applying these in a comprehensive research study from the literature addressing an existing or emerging problem or research question in their discipline or industry.</p>	9	15
PGCCC9.200	<p>Communicating Complex Concepts</p> <p>This course aims to advance students' ability to communicate complex concepts from their field of study in simple terms appropriate to different audiences in order to contribute to others' understanding and the dissemination of knowledge.</p>	9	15
PGAC9.300	<p>Applied Capstone</p> <p>An advanced course of study designed to integrate students' prior coursework-based learning by working collaboratively on complex cases. The course enables students to develop skills (in particular collaborative problem solving and work management skills) which can enable them to apply their learning in organisational contexts.</p>	9	15
PGISP9.400	<p>Independent Scholarly Project</p> <p>This course provides the opportunity for students to be guided step-by-step in integrating the knowledge and skills acquired throughout the programme, and extending these, by conducting and reporting on a small scale or desk-based research project.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Method, or PGMS8.415 Hokinga Mahara (Māori Research Methodologies and Proposal)</i></p>	9	30
PGARR9.500	<p>Applied Research Report</p> <p>This course aims to support students' independent application and further development of knowledge and skills acquired throughout the programme in conducting scholarly research on a specific issue or problem in their field of study.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Methods and PGRP8.100 Research Proposal, or PGMS8.415 Hokinga Mahara (Māori Research Methodologies and Proposal)</i></p>	9	45

Course no.	Brief description	NZQA level	No. of credits
PGIP9.600	<p>Integrated Project</p> <p>This course aims to support students in applying and further developing the knowledge and skills gained throughout the programme by reporting on or designing solutions for existing or emerging problems or issues within the industry or workplace.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Methods, or PGRS8.415 Hokinga Mahara (Māori Research Methodologies and Proposal)</i></p>	9	45
PGARD9.700	<p>Applied Research Dissertation</p> <p>This course aims to support students' independent application and further development of knowledge and skills acquired throughout the programme in conducting scholarly research, based on thorough critical examination of and extensive body of literature, on a specific issue or problem in their field of study and potential solutions, and making recommendations for potential solutions.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Methods and PGRP8.100 Research Proposal, or PGRS8.415 Hokinga Mahara (Māori Research Methodologies and Proposal)</i></p>	9	60
PGEIP9.800	<p>Extended Integrated Project</p> <p>This course aims to support students in applying and further developing the knowledge and skills gained at level 8 by reporting on or designing solutions for existing or emerging problems or issues within the industry or workplace and critically evaluating the outcomes.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Methods, or PGRS8.415 Hokinga Mahara (Māori Research Methodologies and Proposal)</i></p>	9	60
PGART9.900	<p>Applied Research Thesis</p> <p>In this course, the student will independently conduct research and report their findings in the form of a thesis.</p> <p><i>Pre-requisites: PGRM8.100 Applied Research Methods and PGRP8.100 Research Proposal, or PGRS8.415 Hokinga Mahara (Māori Research Methodologies and Proposal)</i></p>	9	90
PGPP9.480	<p>Te Aka Niwhaniwha (Community/Work-based Project)</p> <p>This course enables the student to engage in a work-based project (WBP) in collaboration with an organisation relevant to the student's specific context. Through a negotiated project, the student will demonstrate research proficiency and/or analytical skills relevant to advanced work in his/her professional practice field.</p> <p><i>The project may be one in which the student is based primarily on-site at the organisation; off-site, where the student is doing research on behalf of the organisation; or a mixture of the two.</i></p>	9	60

How to enrol

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

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 | Te Pūkenga. 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 out.

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.

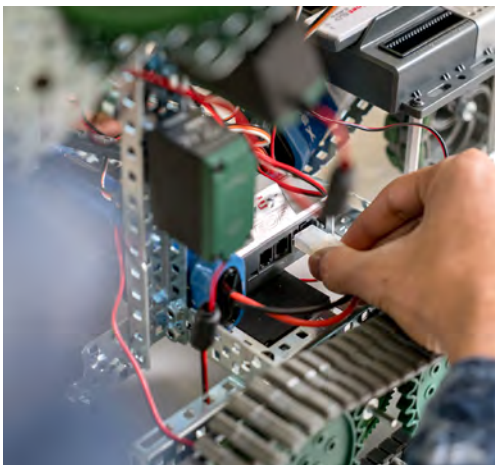
Student services levy

The student services levy is a compulsory non-tuition fee that is charged to students enrolled at EIT | Te Pūkenga. The levy is to contribute to the provision of quality student services that support learning. The funds received by EIT | Te Pūkenga 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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