

NZ Certificate in Apiculture (Level 3)*

If you have ever wanted to work in the apiculture industry on a small scale or are assisting in a commercial beekeeping operation then this programme is for you.

On completion of this qualification you will own your own beehive and be able to work under limited supervision to maintain, manipulate and operate beehives to produce quality products and pollination services.

LOCATION	Hawke's Bay and Tairāwhiti, Central Hawke's Bay, Ruatōrea and Wairoa Learning Centres
START	August
LENGTH	One year part-time
CONTACT	Hawke's Bay, Central Hawke's Bay Diana Morris Phone: 06 830 1057 Email: dmorris@eit.ac.nz Tairāwhiti, Ruatōrea, Wairoa Erena Clarke Phone: 06 869 0820 Email: eclarke@eit.ac.nz

***A new version of this programme is coming soon.**

This programme is currently being unified with others across Te Pūkenga to provide one programme that is portable, consistent, and more closely aligned with the needs of industry. This is a good thing but does mean that there will be some changes to the information below. Enquire at eit.ac.nz to receive the latest updates on the new programme.



TE AHO A MĀUI

For NZ Citizens and Permanent Residents



Te Pūkenga

EASTERN INSTITUTE OF TECHNOLOGY

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Have you heard the latest buzz?

If you have ever wanted to have your own beehive or are working or intending to work in the apiculture industry on a small scale (as a lifestyle option or part-time business opportunity) or are assisting in a commercial beekeeping operation then this programme is for you.

Once you successfully complete the programme you will own your own beehive and be able to work under limited supervision in a commercial beekeeping operation or independently in a small scale operation.

You will also be able to:

- ▶ Maintain, manipulate and operate beehives to produce quality products and pollination services.
- ▶ Assist to transport beehives and bee products and establish hives in new sites.
- ▶ Carry out a beehive disease management plan.

You will learn how to:

- ▶ Identify the regulations and safety requirements for beekeeping in New Zealand.
- ▶ Identify and explain the biological and behavioural aspects of honeybees in relation to plant biology and pollination.

- ▶ Identify and use personal protection equipment, beekeeping tools, and ancillaries.
- ▶ Construct and repair a beehive.
- ▶ Install, inspect and maintain hives throughout the seasons.
- ▶ Explain and demonstrate feeding management and maintenance requirements for bee colonies.
- ▶ Remove supers and extract honey.
- ▶ Assist transporting and establishing hives and bee products.
- ▶ Identify and explain the signs and symptoms of an ill colony.
- ▶ Explain the symptoms and lifecycles of common diseases and disorders.
- ▶ Provide recommendations to manage disease, pest and disorders identified during inspection testing.
- ▶ Describe methods and procedures used for integrated pest management (IPM) control.
- ▶ Identify and explain disease and pest chemical controls and their hazards.
- ▶ Explain and demonstrate the procedures utilised in the disinfection of hives, personal equipment and elimination of hives.

YOUR FUTURE CAREER & STUDY OPPORTUNITIES

This qualification is an entry point for apiculture training and may lead onto the NZ Certificate in Apiculture (Level 4) or the NZ Certificate in Apiculture (Queen Bee Rearing) (Level 4).

As a graduate of this certificate you can work as an assistant beekeeper for a commercial operator or as an independent beekeeper with a small number of beehives.

WHAT YOU NEED TO KNOW

NZ Certificate in Apiculture

LEVEL	3	CREDITS	65
LENGTH	One year part-time	FEE*	\$3,994 approximately You may be eligible for Fees Free study, for more information go to feesfree.govt.nz

* This is a guide only based on the previous year. All costs quoted include GST and student services levy. Fees apply to New Zealand citizens and New Zealand permanent residents only.

2023 KEY DATES

RUATŌREA		WAIROA	
Programme starts	Friday, 4 August	Programme starts	Saturday, 19 August
HAWKE'S BAY		CENTRAL HAWKE'S BAY	
Programme starts	Saturday, 5 August	Programme starts	Saturday, 19 August
TAIRĀWHITI			
Programme starts	Saturday, 12 August		

SEMESTER HOLIDAYS		YEAR ENDS	
10 April - 21 April	26 June - 14 July	25 September - 6 October	Saturday, 2 December

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

This programme usually consists of 18 one-day workshops split over 12 months, plus 18 tutorials between workshops or an equivalent number of half-days.

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

Non-contact Time

You should plan to spend 15 hours on individual study per week including scheduled classroom time.

ENTRY CRITERIA

Applicants must:

- ▶ Be 16 years of age at the time the programme commences.
- ▶ Be physically able to complete the programme specific outcomes.
- ▶ Have attained NCEA Level 1; or
- ▶ A qualification at Level 1 or above, with evidence of literacy and numeracy abilities equivalent to NCEA Level 1; or
- ▶ Evidence of relevant knowledge and experience, including literacy and numeracy abilities equivalent to NCEA Level 1. In this case the applicant may be required to participate in an enrolment interview with the purpose of verifying the evidence.

Special Entry

In exceptional circumstances an applicant who does not meet the academic entry requirements may be granted entry to the NZ Certificate in Apiculture (Level 3), where they supply evidence to satisfy EIT | Te Pūkenga of their ability to succeed on the programme.

ENTRY WITH CREDIT

You may already have some knowledge or skills that can be recognized as part of your intended study. This may take a number of different forms including study at a private training establishment, workplace training, other tertiary study, life experiences or voluntary work.

If you think you may qualify, you may want to 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.

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.

Applications for CC and RPL for a course should be made prior to enrolment in that course and no later than two weeks after the start of the course.

Transfers/Cross Credit

There is no previous EIT | Te Pūkenga programme which leads directly to the NZ Certificate in Apiculture (Level 3) qualification, however the EIT | Te Pūkenga Transfer/CC and RPL Policies and Procedures may apply to applicants who wish to apply for recognition of prior learning or transfer/cross credit.

For further information and enquiries about CC and RPL please contact Diana Morris, Hawke's Bay Programme Administrator, on 06 830 1057 or Erena Clarke, Tairāwhiti Programme Administrator on 06 869 0820.

LITERACY & NUMERACY SKILLS

A Literacy and Numeracy assessment is part of the preparation for all Level 1 to 3 programmes. This is a national requirement from the Tertiary Education Commission (TEC). This information gives your tutors information on what you already know to help them provide the help that you may need in your studies.

There are two assessments. The first assessment will take place within the first three weeks of the programme. The second will be a week or two before you finish the programme. This final assessment will show how you have improved with your Literacy and Numeracy skills.

There will always be a tutor to help you when doing the assessment. The most important thing to know about this assessment is that you CANNOT fail. You will merely get information on your Literacy and Numeracy skills. The result will NOT have an impact on any of your assessment marks in your course work.

ASSESSMENTS

This programme is achievement based. Each course contains assessments which may be in the form of an assignment, test, practical, collection, project and workbook.

You will need to have Digital Literacy skills and regular access to a laptop to complete the programmes assessments.

FACILITIES

- ▶ Beekeeping equipment and tools
- ▶ Beehives
- ▶ Honeybees
- ▶ Land for beehives

- ▶ Construction materials (hammer, nail, etc.)
- ▶ Access to apiary sites

EQUIPMENT

To successfully complete this programme you will need to have specific equipment. Please check with EIT | Te Pūkenga staff about the equipment you will require to do the programme. There will be a cost to this equipment.

This equipment will be supplied by EIT | Te Pūkenga to ensure it is of the correct standard and will then belong to you*. You will be responsible for ensuring you attend classes with this equipment. If you do not attend class with this equipment you may not be able to take part in the activities being undertaken for that day.

***Note: To ensure the welfare of the bees, the hives and nukes will remain the property of EIT | Te Pūkenga until you have successfully completed the programme.**

EIT IS NOW PART OF TE PŪKENGA

Te Pūkenga will bring 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 will not only remain, they will be strengthened by being part of the extensive Te Pūkenga network around the country. Your enrolment for study in 2023 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.

How to Enrol

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

Step 1

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

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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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.

PROGRAMME INFORMATION

PLEASE NOTE: A new version of this programme is coming soon. This programme is currently being unified with others across Te Pūkenga to provide one programme that is portable, consistent, and more closely aligned with the needs of industry. This is a good thing but does mean that there will be some changes to the information below. Enquire at eit.ac.nz to receive the latest updates on the new programme.

There are 18 compulsory one-day workshops split over 12 months or an equivalent number of half-days, and 18 optional tutorials spread over the duration of the programme.

Between each of the workshops you will have done a range of practical tasks that must be completed as part of assessment requirements to demonstrate skills competency including:

- ▶ Self-directed reading and research
- ▶ Activities and tasks to reinforce teachings and to develop skills
- ▶ A workbook/diary

You will be engaged in an apiary to show that you are able to operate and manipulate a beehive to demonstrate competency in the tasks and knowledge that has been taught in the workshops. Skills taught at workshops are then practised between workshops.

This qualification cannot be achieved without access to an approved apiary which will be provided by EIT | Te Pūkenga. The nature of the programme requires you to engage in an apiary that you are able to operate in to demonstrate practical competencies. This programme allows you to engage with bees throughout a beekeeping season in a supported manner. **To ensure the welfare of the bees, the hives and nukes will remain the property of EIT | Te Pūkenga until you have successfully completed the programme.**

You will be required to fill out a Health Declaration at the start of the programme.

There is no external work experience component to this programme as you gain workplace experience on your own identified apiary site.

Course Descriptions

COURSE NO.	BRIEF DESCRIPTION	NO. OF CREDITS	NZQA LEVEL
CAPI3.01	Beekeeping Fundamentals To introduce learners to current apiculture industry regulations, the fundamentals of beekeeping and equipment required for working with a beehive.	15	3
CAPI3.02	Manipulating Hives To provide learners with the knowledge and skills required to establish, manage and manipulate bee colonies including honey extraction.	20	3
CAPI3.03	Beehive Disease Management Planning To provide learners with the knowledge and skills required to correctly identify beehive diseases, pests and disorders as part of a disease management plan.	15	3
CAPI3.04	Beehive Disease Management Control To provide learners with the knowledge and skills required to control and/or eliminate beehive diseases, pests and disorders as part of a disease management plan.	15	3





Te Kura Ahumahi Matua
School of Primary Industries

NZ CERTIFICATE IN APICULTURE (LEVEL 3) HEALTH DECLARATION

The NZ Certificate in Apiculture (Level 3) programme complies with the relevant EIT | Te Pūkenga Health, Safety and Wellbeing Policies, and follows the procedures described in the School of Primary Industries Health and Safety Manual.

Staff and learners are inducted into EIT | Te Pūkenga emergency evacuation and accident procedures. The Programme Coordinator has responsibility for ensuring that the EIT | Te Pūkenga Health, Safety and Wellbeing policies, procedures and initiatives are followed and that a safe working environment is maintained in the Programme Area.

Due to the practical nature of this course learners will be exposed to working machinery, building materials, hive equipment and bees.

- ▶ Learners will be provided with the appropriate personal safety equipment when undertaking practical activity.
- ▶ Learners must use all safety equipment provided as part of the delivery of this programme.

This qualification cannot be achieved without access to an apiary. The nature of the programme requires learners to engage in an apiary that they are able to operate in, to demonstrate practical competencies. This programme allows learners to engage with bees throughout a beekeeping season in a supported manner.

DECLARATION

A declaration of an applicant's health is a requirement for entry into the NZ Certificate in Apiculture (Level 3). The information is required for the following reason:

- ▶ To ensure there are no health problems that could affect your safety or your tutors while undertaking the NZ Certificate in Apiculture (Level 3).

This form and its contents will be treated as strictly confidential.

In the event of false declaration, EIT | Te Pūkenga reserves the right to decline an application or remove a learner from the programme.

Please tick the statement that applies to you:

- I am allergic to bees, have an anaphylaxis/allergy action plan and carry medication with me at all times.
- I am not allergic to bees.
- I have no knowledge of any allergies to bees or bee products.
- Have you been stung before? If so, what was your reaction?

- Other relevant health information – please advise.

Full name:

Date of birth:

Address:

Email:

Phone:

Signature:

Date: