

# Secondary Tertiary Pathways

**STILL AT  
SCHOOL?**

CHECK OUT YOUR  
OPTIONS AT WITT  
for 2018



0800 948 896

[www.witt.ac.nz](http://www.witt.ac.nz)



**WITT**  
WESTERN INSTITUTE OF  
TECHNOLOGY AT TARANAKI

Te Kura Matatini o Taranaki



# Introduction

**Secondary Tertiary Pathways at WITT is your link between secondary school and tertiary study. We work with secondary schools, trainers such as Land Based Training and industry to help students identify career pathways and explore further opportunities for study and training.**

## IS IT FOR ME?

If you are in Year 11 - 13 and you are focused, committed and keen to work in a practical environment then yes we have an option for you! Whether you want to test out a career or start gaining industry knowledge and practical skills we have options to suit.

## WHAT DOES IT COST?

Courses are **FREE** for students but there may be some course related costs.

## BENEFITS

- Gain credits towards NCEA while studying in a tertiary environment
- Experience the outside world but maintain the security of school
- A fees-free tertiary education
- Free transport provided
- A head start on a career while still at school
- More choices for students to include vocational pathways in their range of study options
- Gain work experience – links with local industry
- Become "Work-Ready"



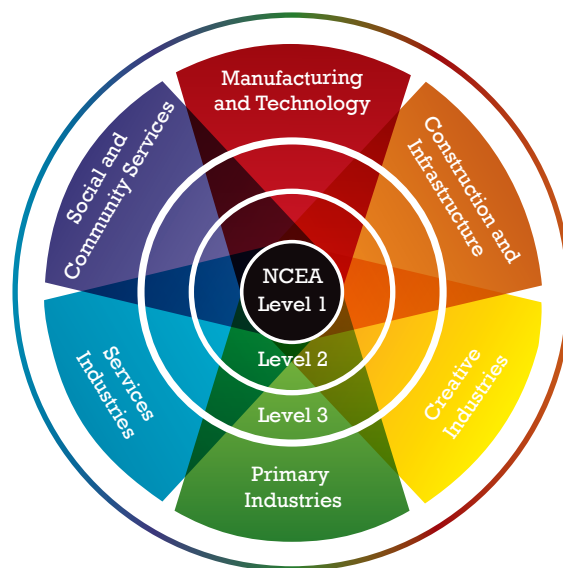


# VOCATIONAL PATHWAYS

Vocational Pathways provide a simple way to understand how your studies align to industry. They help students see how their learning is relevant for a wide range of jobs and study options in six broad sectors of industry:

-  Manufacturing & Technology
-  Construction & Infrastructure
-  Creative Industries
-  Primary Industries
-  Service Industries
-  Social & Community Services

Vocational Pathways are the product of a partnership between government agencies, the industry training sector, secondary and tertiary education representatives, and industry and employer representatives.



## VOCATIONAL PATHWAYS AND WITT

You will find the relevant Vocational Pathway for each of the courses listed in this brochure. This can help you find your study options at WITT.

Vocational Pathways provide tools so you can develop a career map and plan what you may need to study to meet your goal and move into further study and the workforce.

You can identify the type of job you would like and identify the programmes and subjects you need to take to get there. Every study option is colour coded so you see at a glance which industry or careers you are working towards.

You can find out more by visiting [www.careers.govt.nz/courses/still-at-school/vocational-pathways/](http://www.careers.govt.nz/courses/still-at-school/vocational-pathways/)



# PATHWAYS FROM SECONDARY TO TERTIARY

## HOW TO CHOOSE THE BEST OPTION FOR YOU



# Meet our students ↘

## JOEL CAMPBELL

Taranaki Trades Academy  
(now a Maintenance and  
Diagnostic apprentice at  
Fonterra)

"I was a year 13 at Hāwera High school when enrolled in the Mechanical Engineering programme through WITT. My aim was to become a Mechanical Engineering apprentice once I left school so this course was a huge help. The course gave me experience in an engineering workshop and knowledge on how to use the larger and more intricate machinery that wasn't available at school."



## NERYS WHELAN

STAR, Diploma in Professional  
Cookery (Now working at  
Baduzzi, Auckland)

Nerys started her journey at WITT as a STAR Hospitality student while she was at New Plymouth Girls' High. The course obviously made an impression because she ended up enrolling full time into the Cookery programme in 2013. She then went on to be part of the winning WITT team at the highly prestigious Nestlé Toque d'Or competition. She continued to go from strength to strength and was asked to be the commis for New Zealand's first ever entry in Bocuse d'Or 2016 in Singapore. She has since worked for Executive Chef David Schofield (two time winner of the New Zealand Chef of the Year) at Meat, Fish, Wine restaurant and is now Chef De Partie at Baduzzi in Auckland.



# STAR



## INTRODUCTION TO STAR

STAR courses are short taster style classes that help students to explore career options and make informed decisions about their future schooling, work or study. Courses take place over 1-6 weeks and are only a few days in total.

**Designed for:** Year 11 students, but Year 12 and 13 students are also welcome.

**Where to next?** Trades Academy, 3+2 and EE2E

### BENEFITS:

- an easy way to try out a possible career and provide options for Vocational Pathways
- experience a tertiary learning environment while still at school
- get practical, hands-on, work-based experience
- gain NCEA credits

*All courses are run at the New Plymouth campus unless specifically stated.*



# STAR PROGRAMMES:

## MANUFACTURING & TECHNOLOGY

**Automotive**

Work on real engines and cars and gain insight into a career as an automotive professional. Over the weeks, you'll dismantle, inspect and re-assemble an engine in our fully-equipped workshop.

**Related WITT programme:** New Zealand Certificate in Automotive Engineering\*

TERM	DATES	DURATION	DAY & TIME
2	4 - 18 May	3 weeks	Fri 9am-2.30pm

\* subject to NZQA approval

**MIG Welding**

Learn the skills required to use the gas metal arc welding or MIG process safely. The course is suitable for those who wish to enter the welding or engineering industry.

**Related WITT programme:** New Zealand Certificate in Mechanical Engineering

TERM	DATES	DURATION	DAY & TIME
2 & 3	4 - 18 May, 3 - 17 Aug	3 weeks	Fri 9am-2.30pm

## CREATIVE INDUSTRIES

**Principals of Design: Balance & Proportion in Graphic Design**

Students will explore different types of hands-on media while learning about the principles of design such as visual balance and evaluating aesthetic elements.

**Related WITT programme:** Any WITT Art & Design programme

TERM	DATES	DURATION	DAY & TIME
4	23 - 25 Oct	1 week	Tue, Wed, Thur 9am-2.30pm

**Elements of Design: Graphic Design Illustration Techniques**

Students will create and investigate linear and pattern based design and investigate and develop shapes and patterns for possible design solutions while using a range of hands-on media.

**Related WITT programme:** Any WITT Art & Design programme

TERM	DATES	DURATION	DAY & TIME
4	15 - 17 Oct	1 week	Mon, Tue, Wed 9am-2.30pm

## SERVICE INDUSTRIES

**Beauty & Make-Up Artistry**

This course is designed to give students an introduction to the make-up and beauty industry, learning basic techniques on how to apply creative theme-based makeup styles.

**Related WITT programme:** Certificate in Beautician (Level 4), Certificate in Fashion Make-Up Artistry (Level 3)

TERM	DATES	DURATION	DAY & TIME
2	24 May - 28 Jun	6 weeks	Thur 9am-2.30pm

**Business Administration**

Students will be introduced to the office environment and be able to undertake office functions, clerical systems and operate office communications. The course is practical and based in our "real life" office environment facility at WITT.

**Related WITT programme:** New Zealand Certificate in Business (Administration & Technology) (Level 3)

TERM	DATES	DURATION	DAY & TIME
2	4 May - 1 Jun	5 weeks	Fri 9am-2.30pm

**Hairdressing**

The Hairdressing course is designed to give students an introduction to the hairdressing industry. Students will learn personal presentation and gain elementary skills.

**Related WITT programme:** New Zealand Certificate in Hairdressing (Salon Support) (Level 3)

TERM	DATES	DURATION	DAY & TIME
2	22 May - 26 Jun	6 weeks	Tue 9am-2.30pm

## SERVICE INDUSTRIES

### Hospitality - Barista

This course is designed to give students an introduction to the hospitality industry by giving them the opportunities to learn how to use commercial espresso coffee equipment and prepare espresso beverages. They will also learn how to prepare and present espresso beverages for service.

**Related WITT programme:** New Zealand Certificate in Food and Beverage Service (Level 3)



TERM



DATES



DURATION



DAY & TIME

#### NEW PLYMOUTH CAMPUS

TERM	DATES	DURATION	DAY & TIME
4	23 - 24 Oct, 29 - 30 Oct	4 days split over 2 weeks	9am-2.30pm

#### HÄWERERA CAMPUS

TERM	DATES	DURATION	DAY & TIME
4	15 - 16 Oct, 23 & 29 Oct	4 days split over 3 weeks	9am-2.30pm

### Hospitality - Front of House<sup>1</sup>

This course covers a basic understanding of hospitality terminology, equipment, personal presentation, preparation and clearing of areas for table service in a commercial establishment.

**Related WITT programme:** New Zealand Certificate in Food and Beverage Service (Level 3)



TERM



DATES



DURATION



DAY & TIME

TERM	DATES	DURATION	DAY & TIME
4	15 - 17 Oct	1 week	Mon, Tue, Wed 9am-2.30pm

<sup>1</sup> Also available in South Taranaki by arrangement

## VOCATIONAL SKILLS

### Vocational Skills

This course is designed to assist students with special learning disabilities to develop personal skills that will assist them to function productively within a tertiary environment in the future and to transition smoothly from secondary school.

**Related WITT programme:** New Zealand Certificate in Skills for Living for Supported Learners (Level 1)\*



TERM



DURATION



DAY & TIME

TERM	DURATION	DAY & TIME
1, 2, 3 & 4	6 - 9 weeks	Tue 10am - 2.30pm

\* subject to NZQA approval





# Trades Academy



## INTRODUCTION TO TRADES ACADEMY

In Taranaki Trades Academy students come to WITT at least one day a week over several terms and gain NCEA credits. The learning takes place in a practical and hands-on environment using industry standard equipment and technology relevant to your chosen career path. Students develop the foundation skills needed to progress to further study opportunities or move directly into employment.

**Designed for:** Secondary school students studying towards NCEA Level 1 or 2. Students should have a genuine interest in a particular vocational pathway.

**What's next?** 3+2, EE2E programmes or full-time tertiary study.

## BENEFITS

- A head start on a Trades career while still at school and while achieving credits towards NCEA
- Experience the outside world but maintain the security of school
- A fees-free tertiary education
- Free transport provided
- Study at WITT 1 day per week (depending on programme)
- More choices for students to include vocational pathways in their range of study options
- Gain work experience – links with local industry
- “Work-Ready” young people













Students must attend an interview and create a personal education plan.

*All courses are run at the New Plymouth campus unless specifically stated.*











# TRADES ACADEMY PROGRAMMES:









## MANUFACTURING & TECHNOLOGY

 <b>Automotive</b> Students learn about workshop practices, lubricants, sealants, lamps, wheel balancing, general engineering, automotive components, petrol fuel systems. Students will also disassemble and reassemble an engine under supervision.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx. 24 (mainly L2)	Thursday
 <b>Electrical</b> Students learn to use electrical test instruments, and the elements and processes of electrical circuits. They will perform manual soldering and de-soldering and gain a knowledge of electrical diagrams.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx. 23 (mainly L2)	Thursday
 <b>Engineering (Mechanical Engineering, Welding &amp; Fabrication)</b> Students learn about engineering equipment, components and how to perform basic machining fabrication and welding techniques.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx. 23 (mainly L2)	Thursday





## CONSTRUCTION & INFRASTRUCTURE

 <b>Build a Bach</b> Gain experience in building, construction, carpentry, roofing, how to read and interpret plans, health and safety and hand and power tool use and maintenance.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 4	Approx. 71 (mainly L2)	2-5 days a week until early Term 4
 <b>Carpentry</b> Students gain knowledge of portable power tools, carpentry hand tools, timber machining equipment, timber, scaffolding and mechanical and non-mechanical construction equipment.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx. 21 (mainly L2)	Thursday

## CREATIVE INDUSTRIES



















 <b>Art &amp; Design</b> Develop and learn drawing, design, rendering and photography ideas, skills and techniques including producing a computer presentation.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx. 23 (mainly L2)	Thursday
 <b>Digital Story Making</b> Produce still images, desktop published documents, create and enhance documents with text and images, visual communication techniques, drawings and photography.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx. 26 (mainly L2)	Thursday

## PRIMARY INDUSTRIES

 <b>Farming</b> An introduction to some core agricultural skills including animal handling, farm vehicle operation and fencing. Students will also study to demonstrate knowledge of these facets of farming.	 <b>TERM</b>	 <b>CREDITS</b>	 <b>DAY</b>
	1 - 3	Approx 22 (mainly L2)	Friday

# TRADES ACADEMY PROGRAMMES:

## SERVICES INDUSTRIES

<p><b>Beauty &amp; Make-Up Artistry</b></p> <p>Demonstrate knowledge of make-up application techniques, structure and functions of the skin of the face, facial skin types and problems. Students will also cover current fashion trends related to beauty therapy.</p>	<p> TERM</p> <p>1 - 3</p>	<p> CREDITS</p> <p>Approx. 22 (mainly L2)</p>	<p> DAY</p> <p>Friday</p>
<p><b>Business Administration</b></p> <p>Students learn to create and use databases, process financial information, administration processes, workplace health &amp; safety, attend to customer enquiries and produce business appropriate correspondence.</p>	<p> TERM</p> <p>1 - 3</p>	<p> CREDITS</p> <p>Approx. 22 (mainly L2)</p>	<p> DAY</p> <p>Friday</p>
<p><b>Cookery</b></p> <p>Students learn to prepare and cook delicious meals by a variety of methods from steaming, to poaching, frying and roasting in our full scale commercial kitchens.</p>	<p> TERM</p> <p>1 - 3</p>	<p> CREDITS</p> <p>Approx. 22 (mainly L2)</p>	<p> DAY</p> <p>Thursday</p>
<p><b>Hairdressing</b></p> <p>Students learn to shampoo, apply treatments, use hairdressing equipment and tools, produce a fashion image and learn about latest fashion trends in hairstyling.</p>	<p> TERM</p> <p>1 - 3</p>	<p> CREDITS</p> <p>Approx. 23 (mainly L2)</p>	<p> DAY</p> <p>Friday</p>
<p><b>Restaurant Service</b></p> <p>Students learn elements of contamination hazards, service delivery, table service, menu types and how to prepare hot and cold beverages.</p>	<p> TERM</p> <p>1 - 3</p>	<p> CREDITS</p> <p>Approx. 24 (mainly L2)</p>	<p> DAY</p> <p>Thursday</p>
<p><b>Sport &amp; Fitness</b></p> <p>Students learn how to relate anatomy to gym equipment and stretching, correct techniques when using gym equipment, stretching and how to instruct use of cardio equipment.</p>	<p> TERM</p> <p>1 - 3</p>	<p> CREDITS</p> <p>Approx. 25 (mainly L2)</p>	<p> DAY</p> <p>Thursday</p>



# 3+2



## INTRODUCTION TO 3+2

As part of the 3+2 programme students spend 3 days a week at school, and 2 days a week at WITT working toward a Level 3 qualification. Students do this for Terms 1-3, and then in Term 4 they are solely at school to help focus on school exams.

**Designed for:** Year 13 students who have completed NCEA Level 2.

**What's next?** Higher level of study (i.e. Level 4 and above), apprenticeships or employment.

### BENEFITS:

- Gain a FREE relevant Level 3 tertiary qualification while still at school
- Learn a new subject that may not be available at school
- Build on previous achievement and experience at NCEA Level 2
- Study towards NCEA Level 3
- Gain hands on experience in a particular career pathway
- Still be enrolled at school easing the transition into the tertiary study environment

*All courses are run at the New Plymouth campus unless specifically stated.*



# 3+2 PROGRAMMES:

## CREATIVE INDUSTRIES

### **New Zealand Certificate in Digital Media and Design (Level 3)**

In this programme students learn how to create endless images and designs using a range of devices and computer software. Students learn in an interactive classroom and produce a website as their final project.



TERM

1 - 4



CREDITS

59 credits (Level 3)



DAY

Mon & Tues

## PRIMARY INDUSTRIES

### **New Zealand Certificate in Agriculture (Vehicles, Machinery & Infrastructure)**

Learn to safely carry out a range of activities for the efficient operation of a rural workplace, including the use and maintenance of workplace vehicles, machinery and infrastructure.



TERM

1 - 3



CREDITS

Approx 28 (TBC)  
(Level 3)



DAY

Mon & Tues

## SERVICES INDUSTRIES

### **New Zealand Certificate in Computing (Intermediate User) (Level 3)**

In this programme students learn essential features and functions of common digital devices.



TERM

1 - 3



CREDITS

57 credits (Level 3)



DAY

Mon & Tues

### **New Zealand Certificate in Cookery (Level 3)**

Students learn to apply health and safety procedures, and fundamental skills to prepare, cook and present a range of basic dishes using wet and dry cooking method in our fully-equipped kitchens.



TERM

1 - 3



CREDITS

45 credits (Level 3)



DAY

Mon & Tues

### **National Certificate in Fitness (Exercise Consultant) (Level 3)**

In this programme students fast track their career into working in the fitness sector. Students learn anatomy, strength and conditioning, nutrition and how to become a successful fitness instructor.



TERM

1 - 3



CREDITS

58 credits (Level 3)



DAY

Mon & Tues

### **New Zealand Certificate in Food and Beverage Service (Level 3) (Hāwera Only)**

In this programme students learn essential front of house skills from the art of coffee making and bar and restaurant service. By working in a real restaurant and café students gain practical knowledge preparing them for industry or further studies.



TERM

1 - 3



CREDITS

38 credits (Level 3)



DAY

Mon & Tues

### **New Zealand Certificate in Makeup & Skincare (Introduction) (Level 3)\***

In this programme students learn foundation skills such as the structure, functions and conditions of the face. Students will demonstrate day, night and special occasion makeup styles as well as assisting with sales and promotional activities.



TERM

1 - 3



CREDITS

60 credits (Level 3)



DAY

Mon & Tues

\* Subject to NZQA approval

# EE2E



## INTRODUCTION TO ENGINEERING

By enrolling in EE2E Year 13 students study one morning a week in terms 1-3 to complete one of the 9 papers of the New Zealand Diploma in Engineering (NZDE). This also gains them 8 NCEA credits at Level 3.

**Designed for:** Students who are competent in Physics and Maths, who are considering a diploma or degree in engineering.

**What's next?** Diploma or degree level study in civil, mechanical and electrical engineering.

This paper will cross credit into the diploma meaning students have one less paper to complete in their first year of full-time study. Students complete projects that have real life applications, such as building scale models to understanding how building materials perform in an earthquake situation.

This is a new programme designed to address the forecasted future shortages of engineers and the need to produce more engineering graduates at Levels 6 & 7, i.e. diploma and degree level.

## EE2E PROGRAMMES:



### CONSTRUCTION & INFRASTRUCTURE

#### Engineering Fundamentals

Students are introduced to the basic fundamentals of a range of engineering disciplines including the fundamentals of statics, dynamics and mechanical energy concepts, stress and strain, and deriving elastic properties from tensile test results, the engineering properties of fluids, electrical voltage, current and resistance, and heat energy and transfer.



TERM

1-3



CREDITS

Approx. 8 (L3)



TIME

Thursday mornings

*Course is run at New Plymouth campus only.*





# How to register

To register for any of these courses please contact your school Careers Advisor or contact WITT on the details below.

## **WITT Secondary Tertiary Pathways**

**Phone:** (06) 757 3100 or 0800 948 896

**Fax:** (06) 757 3232

**Email:** [STP@witt.ac.nz](mailto:STP@witt.ac.nz)

Private Bag 2030  
New Plymouth 4342



**Freephone:** 0800 948 896

**Telephone:** (06) 757 3100

**Email:** [info@witt.ac.nz](mailto:info@witt.ac.nz)

**Address:** Private Bag 2030, New Plymouth 4342

**New Plymouth Campus:** 20 Bell Street, New Plymouth 4342

**Hāwera Campus:** 40A Union Street, Hāwera 4610

**0800 948 896**

**[www.witt.ac.nz](http://www.witt.ac.nz)**

