

# CIVIL AND MINING



# CONTENTS

About Tai Poutini Polytechnic	<b>2</b>
<b>Programmes</b>	
Certificate in Civil Plant Operation (Specialist Large Plant)	<b>4</b>
Entry Criteria	<b>6</b>
How to Apply	<b>7</b>
Contact Details	<b>8</b>

## ABOUT TPP TAI POUTINI POLYTECHNIC

At TPP we're serious about education. Our tutors are all experts in their field, have excellent industry connections and are passionate about teaching. They want you to learn the skills you need to succeed. We offer a wide range of practical programmes, with a focus on vocational education and applied skills. All TPP programmes have NZQA approval and are designed to give you a strong foundation in your chosen career.

Tai Poutini Polytechnic has campuses in Auckland, Christchurch, Greymouth, Hamilton, Hokitika, Invercargill, Reefton, Wanaka and Westport, and offers industry training throughout NZ. Applying to enrol as a student at Tai Poutini Polytechnic is simple. If you require more information or wish to speak directly with a tutor please email us at [study@tpp.ac.nz](mailto:study@tpp.ac.nz) or call 0800 TPP INFO.

**“I got a job within a week of finishing...”**

# **MIKE SMITH**

## **WAIKATO DIGGER SCHOOL**

“It’s pretty good when you wake up in the morning and really want to go to work – I’d tried lots of things and now I’m doing something I really love working on excavators.

“I enrolled in the Digger School in 2013, when I was 27 and tired of working different jobs for minimum wage. I got a job within a week of finishing and was able to put all my skills to work.

“The best bit of the course was taking everything we learned in the classroom and getting out on the excavators. You learn the skills you need to get started in the industry. Sometimes I find I can show little things to some of the guys with far more years’ experience than me, and that’s pretty great.”

# CERTIFICATE IN CIVIL PLANT OPERATION

## (SPECIALIST LARGE PLANT)

**LEVEL:** Level 3

**CREDIT VALUE:** 160 Credits

**AWARDS:** New Zealand Certificate in Infrastructure Works (Level 2)

New Zealand Certificate in Infrastructure Works (Level 3)

New Zealand Certificate in Infrastructure Works Plant and Equipment Operation (Specialist Plant) (Level 3)

**DURATION:** 36 weeks, full time (excludes holidays)

**START DATES:** 22 May 2017 Waikato, 17 July 2017 Greymouth, 11 September 2017 Auckland

**END DATES:** 20 October 2017 Waikato, 2 February 2018 Greymouth, 29 June 2018 Auckland

**LOCATION:** Auckland, Waikato & Greymouth

### 2017 DOMESTIC FEE:

Visit [www.tpp.ac.nz](http://www.tpp.ac.nz) for further information on fees

Conditions apply. Visit [www.tpp.ac.nz/conditions](http://www.tpp.ac.nz/conditions).

We have a limited number of places for students who already hold a qualification at Level 2 or higher



**YOUTH GUARANTEE  
SCHEME**

Greymouth only

Get on the fast track to a new career with Tai Poutini Polytechnic's Civil and Mining programmes.

Employers across the country are lining up to take on TPP Digger School graduates – so whether you're just starting out or want a career change, TPP offers plenty of options for your future.

More than just driving trucks and diggers, TPP Digger Schools set you up with all the practical experience, theory and industry contacts you'll need to make it in these exciting and varied sectors. Once you set out in the industry, it's up to you which path you decide to follow, from hands-on operations to management and even further study.

Get started at TPP now and go where the jobs are.

### WHAT WILL YOU STUDY ?

If you're looking for an exciting career in the busy civil and infrastructure sector, Tai Poutini Polytechnic's Certificate in Civil Plant Operation (Specialist Large Plant) will set you on the right path. Perfect for school-leavers or people with no prior experience in the industry, the programme will set you up with the skills you need to operate specialist large plant, like excavators and heavy trucks.

The programme is also relevant for people already working in the industry who want to upskill and push their career to the next level.

## CORE ELEMENTS:

At Level 2

- Understand the civil infrastructure industry in New Zealand.

At Level 3

- Communicate appropriately with the public, colleagues, and site supervisors, including following and giving instructions.
- Work effectively and safely, across a range of roles and on a range of infrastructure work sites, including those under Temporary Traffic Management.
- Carry out basic infrastructure works activities including safely and effectively using a range of hand tools and small infrastructure works plant and equipment.
- Understand and operate within quality and environmental requirements, quality assure their own work area and keep appropriate records for infrastructure work sites.
- Describe the materials used and the requirements for infrastructure work, as well as carry out excavation and compaction in this area.
- Operate and maintain at least two types of large plant on infrastructure work sites.
- Operate and maintain at least one type of specialist plant (e.g. hydraulic excavator) on infrastructure work sites.
- Legally operate at least one type of specialist plant on the road (hold the relevant licence endorsement).

At Level 3 or Level 4

- Use specialist large plant to carry out specialist operations.

## PROGRAMME STRUCTURE:

Three 12-week semesters. The first 24 weeks are tutor phase, with the last semester involving work-based training.

## FURTHER STUDY PATHWAYS

- NZ Certificate in Civil Infrastructure Trades (Civil Works) with strands in Earthworks, Road Construction, Concrete Works (Non-structural), and Road Maintenance (Level 4).
- NZ Certificate in Pipe Installations with strands in Trenched and Trenchless (Level 4).
- NZ Certificate in Bituminous Surfacing Construction with strands in Bituminous Mixes, Chipseal and Slurry (Level 4).
- NZ Certificate in Utilities Maintenance with strands in Water & Wastewater and Stormwater (Level 4).

## CAREER OPPORTUNITIES:

New Zealand's civil infrastructure industry is booming and there are plenty of job options for people with the right training and skills. Career opportunities exist across a huge range of sectors, including: infrastructure work companies, drain installation, water reticulation, machine operator, construction foreman, traffic management, truck driving, sealing crews, bridge building, maintenance crews, trenchless technology operator, road building, subdivision development, health and safety, and training.

## LOCATIONS:

Auckland Digger School  
157c Pukaki Road, Mangere  
Auckland

Waikato Digger School  
Swaps Quarry, Taotaora Road  
Cambridge

Greymouth Digger School

# ENTRY CRITERIA

## CERTIFICATE IN CIVIL PLANT OPERATION (SPECIALIST LARGE PLANT)

### Applicants must meet the following criteria:

- Applicants must be a minimum of 17 years of age.
- Be able to demonstrate sufficient capability in English and maths to have a high likelihood of success in the programme. (Preferably have NCEA Level 1 L&N).
- Hold a Class 1 learner or restricted driver licence or better.
- Be physically fit and healthy.

We do not set a closing date for applications. The Polytechnic reserves the right to not accept late applications, i.e., after the programme has started. You will be offered a place subject to meeting the entry and selection requirements and the availability of places on the programme. The Polytechnic reserves the right to cancel, prior to commencement, any programme which does not attract the minimum number of students.

# HOW TO APPLY

**Check out our website or contact us if you have further questions about entry requirements for your chosen programme  
We look forward to hearing from you.**

# 1

**Decide on your programme**

Full entry criteria and selection criteria available at [www.tpp.ac.nz](http://www.tpp.ac.nz)

For further information on awards and scholarships please refer to our Student information brochure.

# 2

**Either free phone 0800 TPP INFO (within NZ only) and ask for an application pack or click the 'Enrol Now' link on our website**

# 3

**Complete and return your enrolment form (please get in touch if you need help). We'll assess your application and get back to you as soon as we can**



# CONTACT DETAILS

## TPP

0800 TPP INFO

(03) 769 9400

[www.tpp.ac.nz/civilandmining](http://www.tpp.ac.nz/civilandmining)

[study@tpp.ac.nz](mailto:study@tpp.ac.nz)

Private Bag 607  
Greymouth 7840

V20170731