



New Zealand Certificate in Bicycle Mechanics (Level 4)

Location

Online with two compulsory block courses (in Central Otago) and 160 hours of work experience at any suitable bicycle workshop in New Zealand

Duration

17 weeks full-time; part-time not available

Credits

60

DescLevel

60

Intakes

To be confirmed for 2022

Apply

Please contact Jordan Gilmore (jordan.gilmore@op.ac.nz) to discuss

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Gain a qualification that will make you stand out from the crowd in this rapidly growing industry!

If you've completed your New Zealand Certificate in Bicycle Servicing (Level 3) with us, or have previous experience in the bicycle industry, this Level 4 programme is a great way to take your skill set and knowledge to the next level and advance your career.

Offering you a flexible learning environment through a blend of practical block

courses, online learning and workplace experience, previous learners have enjoyed the chance to successfully fit their around other work or study commitments.

Small class sizes, specialist equipment and expert tutoring from experienced mechanics and mechanical engineers combine to provide a learning experience that will enable you to develop skills and knowledge to help you stand out from the crowd.

During this programme, you will learn advanced techniques such as wheel building, suspension servicing, frame preparation and e-Bike system diagnostics whilst honing your previous mechanical knowledge to methodically diagnose, repair, overhaul and rebuild bicycles and components.

Career opportunities

- Senior bicycle store workshop and retail positions
- Mechanic in unsupervised sole employee workshop
- Specialist bicycle servicing providers (wheel building, suspension servicing)
- Bicycle industry tourism providers (guides, workshop)
- Bicycle mechanic on professional racing teams
- Other areas of opportunity within the industry:
 - bicycle store ownership
 - bicycle import businesses
 - bicycle coaching and fitting
 - bicycle designing and building

This programme will also provide a great step towards other industry-related positions such as working in research, marketing, journalism or event management.

Entry requirements

- Open entry.
- If English is not your first language, you must provide:
 - New Zealand University Entrance OR
 - Overall Academic IELTS 5.5 with no individual band score lower than 5.0 (achieved in one test completed in the last two years), OR
 - Acceptable alternative evidence of the required IELTS ([see here for NZQA proficiency table](#) and [here for list of recognised proficiency tests](#)).

If you need to improve your English Language skills, we offer a [wide range of English programmes](#).

Selection criteria

Applications are processed on a first-come, first-served basis until the programme has reached its capacity.

Additional costs

You will need to cover your travel, food and accommodation costs during the block

courses.

You will study

Through this programme, you will learn how to:

- Work safely and efficiently in a professional bicycle workshop
- Diagnose and overhaul an extensive range of bicycle components spread across all bicycle systems:
 - frame preparation
 - tyres and hubs
 - steering
 - brakes
 - drive train
 - shifting
 - suspension
- Research and design bicycle solutions to meet specific customer end user needs
- Communicate and work with customers, co-workers and other industry providers.

Outcomes	Credits
Carry out diagnostic procedures, and repair and/or overhaul a range of bicycle components and systems under broad guidance; and inspect frames and forks	40
Effectively communicate with customers to interpret their needs and make recommendations for component and system solutions based on end-user requirements	5
Apply design principles and ergonomic considerations to select and tune components and systems of a bicycle to fit a rider	5
Apply wheel-building techniques for a specific purpose and end user	5
Conduct research to plan and price a bicycle for a specific purpose and end user	5
TOTAL	60

Your workload

- Online learning: 10-12 hours per week.
- Two, fortnight-long block courses held at Otago Polytechnic's Central Otago Campus (60 hours per fortnightly block course).
- 160 hours industry work experience (40 hours per week) at any suitable bicycle workshop location within New Zealand.

Student loans and allowance

Full-time **domestic students** of this programme are eligible for student loans and allowances (dependent on age and financial circumstances.) Please contact Studylink for additional information. Phone 0800 88 99 00 or visit www.studylink.govt.nz

Recognition of prior learning

If you already have extensive knowledge and skills gained from practical experience in this area, enquire about our recognition of prior learning process at Capable NZ. You may have already gained credits towards this qualification in the course of your life. Visit [Capable NZ](#).

Intakes:

Course	Description	Dates
24-COT-FY	Cromwell, Central Otago	19 February 2024 (Part time)
25-COT-FY	Cromwell, Central Otago	17 February 2025 (Part-time, full year)
25-COT-S2	Cromwell, Central Otago	14 July 2025 (fulltime)