

MECHANICS



Drive your Future

Take the first step to getting your dream job in the automotive industry with this qualification. You'll be taking vehicles apart, fitting tyres, doing servicing, locating and diagnosing electrical faults and learning how to manage customer enquiries.

Students will learn in the new automotive workshop at the Tai Poutini Polytechnic in Greymouth, which opened in January 2016. Key skills in the programme include a wide range of practical skills such as disassembling and reassembling a four stroke engine, dismantling engines, safe working practices and learning how to use tools and equipment in automotive workshops.

After completing this programme you can get work as an apprentice in an automotive business or do further study at polytechnic in the automotive industry. Once completing this programme you will have a number of practical skills for working in the automotive industry such as tyre servicing, fault finding and basic servicing. The programme also provides theory components for students towards their driver's license.

What you will learn:

- Taking vehicles apart.
- Fitting tyres.
- Servicing vehicles.
- Locating and diagnosing electrical faults.
- Engine rebuilding.
- Drawing and understanding engineering sketches.

Course details



Vocational Pathway:
Manufacturing Technology



Credits:
Level 2 and 3
Up to 25 credits



Duration:
1 year programme preparing students for pre-trade mechanics or employment

Starts: February 2027
Finishes: November 2027



Timetable:
Greymouth 9am - 3pm
Thursdays or Fridays (TBC)



Provider:
Tai Poutini Polytechnic

Employment options

- Automotive engineering apprenticeship
- Panel beaters
- Tyre servicing
- Warrant of fitness testing
- Automotive sales and servicing
- Brake servicing

Further study options

- National Certificate in Motor Industry (Automotive Electrical and Mechanical Engineering) (Level 4)
- National Certificate in Motor Industry (Automotive Heavy Engineering) (Level 3)
- National Certificate in Motor Industry (Automotive Specialist Engineering) (Level 4)