



**MANUFACTURING AND
TECHNOLOGY**

MECHANICAL Engineering

If you're into making and fixing things and like working with your hands, then chances are you'll make a really good mechanical engineer.

This challenging programme will see you working in NMIT's Mechanical Engineering workshops learning how to machine, weld and fabricate with metal. During the year you'll design, build and race a grass kart with your team mates. Training is pretty much hands-on – so be prepared to get stuck in.

Starts: February 2017
Time: 9am to 2.45pm one day a week
Location: NMIT Nelson

PATHWAYS + OPPORTUNITIES

TRADES ACADEMY TRAINING

Industry Employment/
Apprenticeships and ITO Training

Tertiary Pre-Employment Training at
NMIT L3 in Engineering

UNIVERSITY STUDIES:

- › Engineering Degrees in Mechanical, Civil, Structural, Design
- › Metallurgist

Business Owner

Welder

Gear Cutter

Civil Engineer

Heating, Ventilation, Air Conditioning

Maintenance and Diagnostics Engineer

Machinist and Toolmaker

Refrigeration Engineer

CAD Operator

Mechanical Engineer

Marine Engineer

Sheet Metal Fabricator

Architect or Civil Drafter

Hydraulics Engineer

DANIEL BATCHELOR



MECHANICAL ENGINEERING (YEAR 2) *Nayland College*

Daniel is in the second year of the Trades Academy Mechanical Engineering programme and says that the course is even more skills focused this year. Daniel's working on a project to design and build a grass kart. "I'm definitely improving and developing my practical skills. I'm learning not to rush the project and to plan it out better before I start."

Next year Daniel wants to return to NMIT to complete the fulltime Level 3 Engineering programme before taking up an apprenticeship.

TYLER SOWMAN



MECHANICAL ENGINEERING (YEAR 1) *Waimea College*

Tyler enjoys working in the Engineering workshop and says that the tutors are really helpful and easy to approach. "I want to work on a farm in the future and the skills I'm learning now, like welding, will be really helpful. I also enjoy being at NMIT and having access to the cafeteria and games room at lunchtime."

"Trades is a great opportunity – you learn more skills here in a shorter time than at school. You can make mistakes and then you're helped to fix them."

