

New Zealand Certificate in Mechanical Engineering (Level 3) (Level 3)

Leading to a New Zealand Certificate in Mechanical Engineering (Level 3)

Wintec code:	NZ2715	MoE: NZ2715	
Level:	3	Credits:	120
Owner:	Centre for Trades	Effective Date:	January-

These regulations should be read in conjunction with the Institute's Academic Regulations.

1. Admission and Entry

1.1 Candidates can gain entry to this programme by meeting one of the following criteria:

a) NCEA Level 1 with 10 credits in Numeracy (algebra, trigonometry, measurement recommended) and 10 credits in Literacy;

or

b) Be able to demonstrate equivalent knowledge and skills;

or

c) Based on Discretionary Entrance

Applicants who do not meet any of the entry options stated above, and think they have what it takes to complete this programme, can apply for 'Discretionary Entrance'. The application is based on the applicant's ability to demonstrate a likelihood to succeed in the programme. The decision is at the discretion of the Head of School/Centre Director or their delegate. The ability to progress into further study depends on how successful the applicant is within the programme they apply and are accepted into under 'Discretionary Entrance'.

1.2 Selection Criteria

All applications will be reviewed to ensure eligibility for entry.

Limitations may be imposed on admissions and enrolment. Where there are more ākonga than places available, ākonga will be selected based on the order of their applications being received.

1.3 English Language Requirements

Candidates who have English as a second language are required to have an International English Language Test System (IELTS) score of 5 in the academic band, with no individual band score lower than 5; or equivalent.

2. Transfer of Credit

2.1 100% transfer of credit is available for this programme (both formal transfer of credit and recognition of prior learning).

3. Programme Requirements

3.1 Every candidate for the New Zealand Certificate in Mechanical Engineering (Level 3) shall to the satisfaction of the Academic Board follow a programme of study for a period of normally not less than two semesters.

3.2 Each candidate's programme will comprise all modules as listed in Section 6 of these regulations, totaling a minimum of 120 credits.

4. Completion of the Programme

4.1 A candidate may take up to four years to complete this programme, unless an extension is granted by special permission of the Group Director, or designated equivalent.

5. Award of the Qualification

5.1 Candidates who successfully complete the requirements of this programme will be eligible for the award of the New Zealand Certificate in Mechanical Engineering (Level 3).

6. Schedule of Modules

Note: no value in the pre/co-requisite columns means there are no pre/co-requisites for that module.

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Assessment Standard
MECH3028	Engineering Health and Safety	3	10			21911 v3 21912 v3 29652 v1 29651 v1 6401 v6 6402 v8 6400 v6
MECH3029	Engineering Calculations and Drawing	3	15			29397 v1 29653 v1 29654 v1 29655 v2
MECH3030	Mechanical Engineering Workshop Skills	3	15			4433 v7 21913 v4 29550 v2 29549 v2

						29675 v1 29676 v1 29674 v1
MECH3031	Engineering Machining	3	20			4435 v8 29650 v1 29671 v1 29673 v1
MECH3032	Engineering Fabrication	3	20			2396 v7 2395 v9 4436 v7 29670 v1 30263 v2 29672 v1 29730 v2 11661 v5
MECH3033	Welding	3	20			21907 v4
MECH3034	Mechanical Engineering Processes and Quality	3	10			29560 v1
MECH3046	Mechanical Engineering Communication	3	10			