

# Programme Regulations for:

## CERTIFICATE IN EDUCATIONAL ACHIEVEMENT IN MECHANICAL ENGINEERING (GENERAL)

Programmes leading to the National Certificate in Educational Achievement (Level 3)

|              |                   |                    |              |
|--------------|-------------------|--------------------|--------------|
| Wintec code: | VP0017            | MoE code:          | NZ2692       |
| Level:       | 3                 | Credits:           | 30 credits   |
| Owner:       | Centre for Trades | Effective<br>Date: | January 2024 |

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

### 1. Admission and Entry

#### 1.1 General Academic Admission

Candidates can enter this programme through two pathways:

- progressing from an NCEA Level 2 Trade Academy programme with at least 80% of the available credits achieved from that programme and be deemed, based on their behaviour and achievement at Wintec, to have a high likelihood of success on the NCEA level 3 programme, or
- entering directly into an NCEA Level 3 Trade Academy programme with no prior achievement at Wintec. These candidates must show an interest in the chosen subject matter area through a recommendation from their secondary school.

#### 1.2 Selection Criteria

- All candidates for this programme must be enrolled at a secondary school and remain enrolled for the duration of the programme as part of a Secondary Tertiary Partnership programme (STP).
- It is expected that candidates will not yet have achieved the National Certificate in Educational Achievement Level 3 (NCEA L3) and are currently working towards achieving this qualification.
- All students entering this programme must have achieved the formal numeracy and literacy level 1 (20 credits) requirements in either achievement or unit standards. If a student does not meet the numeracy and literacy level 1 requirements for this programme, entry may be granted at the discretion of the secondary school and the Youth Pathways Delivery Manager.
- All students either have, or are enrolled in Level 2 maths or are completing the equivalent unit standard at school.

# Programme Regulations for:

## 1.3 English Language Requirements

- a) Candidates who have English as a second language are required to have an International English Language Test System (IELTS) score of 5.0, with no individual band score lower than 5.0; or equivalent.

## 2. Transfer of Credit

- 2.1 Transfer of credit regulations do not apply to this programme.

## 3. Programme Requirements

- 3.1 Each candidate's programme of study shall comprise of modules and standards totalling 80 credits. Candidates are concurrently enrolled at Wintec and an approved secondary school as per the Waikato Trades Academy arrangement.
  - a) Candidates complete a total of 30 credits from the schedule of modules in section 5 of these regulations through Wintec.

## 4. Award of the Qualification

- 4.1 Students may apply to the New Zealand Qualifications Authority to confirm their eligibility for the award of the National Certificate of Educational Achievement Level 3.

## 5. Schedule of Modules

\*Note: Delivery Year and version will only be populated if a module/standard is being delivered in the current year.

| Number / Code | Title  | Level | Version | Credits | Assessment Standard Type |
|---------------|--|-------|---------|---------|--------------------------|
| TC29652       | Demonstrate knowledge of safety, health, risk assessment, and hazard ID and control on an engineering worksite | 3     | 1       | 3       | 29652                    |
| TC30263       | Perform fabrication operations   | 3     | 2       | 10      | 30263                    |
| TC30438       | Dismantle, inspect and assemble components within assemblies   | 3     | 1       | 6       | 30438                    |
| TC30280       | Cut metals using the manual plasma cutting process   | 3     | 1       | 2       | 30280                    |
| TC30279       | Cut steel using the manual gas cutting process.  | 3     | 2       | 2       | 30279                    |
| TC02680       | Join metals using the resistance welding process   | 3     | 8       | 4       | 2680                     |
| TC33135       | Demonstrate knowledge of safety and health while welding and thermal cutting                                   | 3     | 1       | 3       | 33135                    |