

Programme Regulations for:

Certificate in Electrical Engineering

Wintec Code:	VP0020	MoE:	WK2699
Level:	2	Credits:	30
Owner:	Centre for Trades	Effective Date:	1 January 2022

These regulations take effect from 1 January 2017 and should be read in conjunction with the Institute's Academic Regulations.

1. Admission and Entry

To be considered for this programme, an applicant must:

- 1.1 Subject to the requirements specified in clauses 1.2 and 1.3 of these regulations, there is open entry to this programme.
- 1.2 It is recommended that candidates have not yet achieved the National Certificate of Educational Achievement (NCEA Level 2) and are currently working towards this qualification.
- 1.3 As part of the selection process candidates may be required to attend an interview.
- 1.4 Candidates who have English as a second language are required to have an International English Language Test System (IELTS) score of 5.5, with no individual band score lower than 5.0; or equivalent.

2. Programme Requirements

2.1 Candidates for the Certificate in Electrical Engineering will be enrolled in modules detailed in the Schedule of Modules (section 3 of these specifications). Candidates must successfully complete the listed modules to meet the requirements of the following qualification

- Certificate in Electrical Engineering

1. Schedule of Modules

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

Compulsory Modules

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Assessment Standard / Version
TE05911	Basic Magnetism and Electromagnetism	1	1			5911 5
TC05922	Cutting Tools and Machines	2	2			5922 6
TC06626	Electrical and Electronic Components	2	3			6626 7
TC17799	Testing for Electrical Safety	2	2			17799 7
TC18239	Circuit Concepts and Measurements	2	5			18239 7

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KAA-AQSC: 22.07.21

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TC18241	Basic Electronic Systems	2	5			18241	7
TE18243	Construct Simple Electronic Products	2	6			18243	7
TC23751	Electrical Calculations and Theory	2	6			23751	5