

New Zealand Diploma in Engineering

(Level 6) (Version 7.0)

with strands in: Civil Engineering
Electrical Engineering
Electronic Engineering
Mechanical Engineering
Fire Engineering

| | | | |
|---------------------|--|------------------------|--------------|
| Wintec code: | EN1603 | MoE: | NZ2612 |
| Level: | 6 | Credits: | 240 |
| Owner: | Centre for Engineering and Industrial Design | Effective Date: | January 2024 |

These regulations should be read in conjunction with the Institute's Academic Regulations and the additional regulations for the New Zealand Diploma in Engineering (appended).

1. Transition Arrangements

- 1.1 The New Zealand Diploma in Engineering programme has been reviewed by Vocational Engineering Education NZ (VEE.NZ) and Wintec will be offering the revised version 5.0 of the programme from July 2023;
- 1.2 For full transition arrangements refer to the 'Additional Regulations for the New Zealand Diploma in Engineering' appended to these regulations, Clause C: Transition Arrangements, sub-clauses C1 to C4.

2. Admission and Entry

2.1 General Academic Admission

- a) Candidates are required to have gained:
 - i) NCEA Level 2*, and
 - ii) a minimum total of 48 NCEA credits at Level 2 in four subjects, including at least 12 credits in Mathematics (preferably from achievement standards in algebra, calculus or trigonometry); **or**
 - iii) equivalent qualifications (e.g. International Baccalaureate or Cambridge); **or**
 - iv) equivalent credits from trades training and/or demonstrated skills and experience,**and**

*a minimum of 10 literacy credits at Level 1 or higher (for those who achieved NCEA Level 2 before 2013).

2.2 Special Admission

Domestic applicants aged 20 years or above who have not met the General Admission or entry requirements for a programme but whose skills, education or work experience indicate that they have a reasonable chance of success¹ may be eligible for Special Admission. Special admission will be granted at the discretion of the Centre Director or designated nominee. Such applicants may be required to successfully complete a foundation, bridging or tertiary introductory programme as a condition of entry into higher level programmes.

¹ [Education Act 1989 Section 224 \(3\)](#)

Programme Regulations for:

2.3 Provisional Entry

Domestic applicants aged under 20 years who have not met the general academic admission and entry criteria for a programme, but who can demonstrate a reasonable chance of success through other educational attainment and/or work or life experience, may be eligible for provisional entry at the discretion of the Centre Director or designated nominee. Provisional entry places restrictions on re-enrolment to be lifted if the applicant's performance is deemed satisfactory by the Centre Director or designated nominee.

2.4 English Language Requirements

Candidates who have English as a second language are required to have an International English Language Test System (IELTS) score of 6.0, with no individual band score lower than 5.5; or equivalent.

3. Transfer of Credit

3.1 Transfer of credit is regulated by the New Zealand Board for Engineering Diplomas (NZBED) as follows:

- a) Recognition of Prior Learning includes credit transfer, cross credits, recognition of prior experiential learning, recognition of current competency, and assessment of prior learning. Each of these terms relates to previous qualifications and relevant experience.
- b) Assessment of prior learning is available for modules in this qualification. This will be used for new enrolments and for candidates who wish to transition from related qualifications. Up to 50% of the qualification may be awarded through RPL process. Credits gained from transfer from existing qualifications listed in the transition tables in Appendix 1 of the National Curriculum Document and applied for before 31 December 2015 are excluded from the 50% limit.
- c) All assessment of prior learning must comply with Wintec's Academic Regulations and the associated Academic Manual.
- d) Wintec may apply to NZBED for approval to award RPL for more than 50% of the qualification, noting 3.1 b) as it applies to candidates transitioning from existing qualifications.

Recognition of Prior Learning: For the capstone courses, DE6101 Engineering Management and DE6102 Engineering Project, RPL can only be granted by the VEE.NZ Quality Assurance Committee (QAC) after considering a recommendation by a provider. In making its decision, the QAC will have regard to the type of evidence considered and the processes adopted by the provider in making the recommendation.

4. Programme Requirements

- 4.1 Every candidate for the New Zealand Diploma in Engineering shall to the satisfaction of the Academic Board follow a programme of study for a period of normally not less than two years.
- 4.2 Each candidate's programme of study shall comprise compulsory and elective modules totalling 240 credits from the schedule of modules in Section 7 of these regulations.
- 4.3 There are five compulsory modules listed in Section 7 which all NZDE graduates will have achieved.

Programme Regulations for:

- 4.4 The elective modules within each strand are to be selected from modules within the qualification with a coherent relationship to that strand. In exceptional circumstances, an elective from outside the programme may be selected with approval from the Centre Director.
- 4.5 A candidate may enrol in modules at any institution with approval and accreditation to deliver the qualification.
- 4.6 Providers will be required to demonstrate that all graduates have met the graduate outcomes and attributes to be eligible to graduate.

5. Completion of the Programme

- 5.1 The maximum completion time will be ten (10) years from date of first enrolment. The QA Committee can grant extensions under exceptional circumstances.

6. Award of the Qualification

- 6.1 The candidate shall be awarded the diploma by the accredited institution at which they have been awarded the majority of the Level 5 and Level 6 credits.
- 6.2 The award certificate will display the logos of the NZBED and the accredited Tertiary Education Organisation (TEO) and be annotated as the New Zealand Diploma in Engineering [Strand].
- 6.3 Each accredited provider will report annually to the NZBED the names of all graduates awarded the NZDE (Strand).

7. Schedule of Modules

Note: no value in the pre/co-requisite columns means there are no pre/co-requisites for that module. Candidates should note that some Specialisations and/or Electives may not be offered or be available within any given year.

7.1 New Zealand Diploma in Engineering (Civil Engineering)

To be awarded the New Zealand Diploma in Engineering (Civil Engineering), a candidate must successfully complete the required 240 credits and meet the following requirements:

- All common compulsory modules must be passed;
- All Civil Engineering strand compulsory modules must be passed;
- The remainder credits are taken from civil elective modules but must include 45 credits at level 6.
- Graduate outcomes and attributes have been met and evidenced
- ~~Graduate profiles and graduate attributes have been met~~

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--------------------------|---------------------------|--------|-------|--------------------------------|---------------|
| Common Compulsory | | | | | |
| DE4101 | Engineering Fundamentals | 15 | 4 | | |
| DE4102 | Engineering Mathematics 1 | 15 | 4 | | |
| DE4103 | Technical Literacy | 15 | 4 | | |
| DE6101 | Engineering Management | 15 | 6 | Min of 105 credits from NZDE | |
| DE6102 | Engineering Project | 15 | 6 | DE4103 Min of 45 credits at | DE6101 |

Programme Regulations for:

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|--|--------|-------|--------------------------------|---------------|
| | | | | Level 5: DE5208 & DE5207 | |
| Civil Engineering Strand Compulsory | | | | | |
| DE5208 | Civil Materials | 15 | 5 | | |
| DE5209 | Land Surveying 1 | 15 | 5 | | |
| DE5201 | Structures 1 | 15 | 5 | DE4101 | |
| DE5202 | Civil and Structural Drawing | 15 | 5 | DE4103 | |
| DE5203 | Fluid Mechanics (Civil) | 15 | 5 | DE4101 DE4102 | |
| DE5204 | Highway Engineering 1 | 15 | 5 | DE5207 DE4102 | |
| DE5207 | Geotechnical Engineering 1 | 15 | 5 | | |
| Electives – four to be selected of which at least three must be at Level 6 | | | | | |
| DE5205 | Engineering Surveying | 15 | 5 | DE5209 | |
| DE6209 | Structures 2 | 15 | 6 | DE5201 | |
| DE6201 | Geotechnical Engineering 2 | 15 | 6 | DE5207 | |
| DE6202 | Highway Engineering 2 | 15 | 6 | DE5204 | |
| DE6203 | Traffic Engineering | 15 | 6 | DE5204 | |
| DE6204 | Structures 3 | 15 | 6 | DE6209 | |
| DE6205 | Water and Wastewater Systems | 15 | 6 | DE5203 | |
| DE6206 | Water and Waste Management | 15 | 6 | | DE5203 |
| DE6207 | Land Surveying 2 | 15 | 6 | DE5209 | |
| DE6208 | Civil Engineering and Construction Practices | 15 | 6 | | |

7.2 New Zealand Diploma in Engineering (Electrical Engineering)

To be awarded the New Zealand Diploma in Engineering (Electrical Engineering), a candidate must successfully complete the required 240 credits and meet the following requirements:

- All common compulsory modules must be passed;
- All electrical strand compulsory modules must be passed;
- Compulsory modules and electives (where relevant) for **one** specialisation must be passed;
- The remainder credits are taken from the elective modules that align with the chosen specialisation.
- Graduate outcomes and attributes have been met and evidenced

| Module code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--------------------------|---------------------------|--------|-------|--|---------------|
| Common Compulsory | | | | | |
| DE4101 | Engineering Fundamentals | 15 | 4 | | |
| DE4102 | Engineering Mathematics 1 | 15 | 4 | | |
| DE4103 | Technical Literacy | 15 | 4 | | |
| DE6101 | Engineering Management | 15 | 6 | Min of 105 credits from NZDE | |
| DE6102 | Engineering Project | 15 | 6 | DE4103 Min of 45 credits at Level 5 | DE6101 |

Programme Regulations for:

| Module code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--------------------------|--|----------|--------|----------------------------|---------------|
| Electrical Strand | | | | | |
| DE4401 | Electrical Principles | 15 | 4 | | |
| DE5403 | Electronic Principles | 15 | 5 | | |
| DE4402 | Electrical and Electronic Applications | 15 | 4 | DE4401 | DE5403 |
| DE5408 or DE5423 | Introduction to Networks OR Computer Aided Drawing - Electrical | 15 15 | 5 5 | | |
| DE5401 | Power Engineering | 15 | 5 | DE4401 | DE5403 |
| DE5402 | PLC Programming 1 | 15 | 5 | | |
| DE5404 | Electrical Machines | 15 | 5 | DE4401 DE5403 DE4102 | |

Electives are chosen from either the Power specialisation electives table, or the Building Services specialisation electives table or the Instrumentation and Control specialisation electives table.

Electrical Specialisation Electives

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|--|--------|-------|--------------------------------------|------------------|
| Electrical Specialisation () Electives - four to be selected, minimum of three must be at Level 6 | | | | | |
| DE5415 | Illumination Engineering | 15 | 5 | DE4401 DE5403 | |
| DE5417 | Instrumentation and Controls 1 | 15 | 5 | DE4101 DE4401 DE5403 DE4102 | |
| DE5418 | Engineering Mathematics Level 5 | 15 | 5 | DE4102 | |
| DE6401 | Power Systems 1 | 15 | 6 | DE4401 DE4102 | |
| DE6409 | Electrical Building Services | 15 | 6 | DE5401 DE5404 | |
| DE6410 | High Power Electrical Motors for Transport | 15 | 6 | DE5403 DE5404 | |
| DE6411 | PLC Programming 2 | 15 | 6 | DE5402 | |
| DE6414 | Instrumentation & Controls 2 | 15 | 6 | DE4101 DE4401 DE5403 DE5418 | DE6411 DE5417 |
| DE6419 | Maintenance Engineering Management | 15 | 6 | | |
| DE6420 | Protection | 15 | 6 | DE4401 DE4102 | |
| DE6421 | Sustainable Energy and Power Electronics | 15 | 6 | DE4401 DE5403 DE4102 | |
| | | | | | |
| | | | | | |

Programme Regulations for:

Other electives are available within the electrical strand. For a full range see list of Course Descriptors see Section 5 of Curriculum Document. Relevant courses start with DE54XX or DE64XX. An elective from outside the strand may be selected with approval from the Centre Director or designated nominee.

7.3 New Zealand Diploma in Engineering (Electronic Engineering)

To be awarded the **New Zealand Diploma in Engineering (Electronic Engineering)**, a candidate must successfully complete the required 240 credits and meet the following requirements:

- All common compulsory modules must be passed;
- All electronic engineering strand compulsory modules must be passed;
- Compulsory modules and electives (where relevant) for **one** specialisation must be passed;
- The remainder credits are taken from the elective modules that align with the chosen specialisation.
- Graduate outcomes and attributes have been met and evidenced

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--|--|--------|-------|-------------------------------------|---------------|
| Common Compulsory | | | | | |
| DE4101 | Engineering Fundamentals | 15 | 4 | | |
| DE4102 | Engineering Mathematics 1 | 15 | 4 | | |
| DE4103 | Technical Literacy | 15 | 4 | | |
| DE6101 | Engineering Management | 15 | 6 | Min of 105 credits from NZDE | |
| DE6102 | Engineering Project | 15 | 6 | DE4103 and Minimum of 45 credits L5 | DE6101 |
| Electronic Specialisation Compulsory | | | | | |
| DE4401 | Electrical Principles | 15 | 4 | | |
| DE5403 | Electronic Principles | 15 | 5 | | |
| DE4402 | Electrical and Electronic Applications | 15 | 4 | DE4401 | DE5403 |
| DE5408 | Introduction to Networks | 15 | 5 | | |
| DE5423 | OR CAD Electrical | 15 | 5 | | |
| Electronics Specialisation Compulsory | | | | | |
| DE5405 | Computer Programming 1 | 15 | 5 | | |
| DE5414 | Electronic Manufacturing 1 | 15 | 5 | DE5403 | DE5407 |
| DE6412 | Computer Programming 2 | 15 | 6 | DE5405 | |

Programme Regulations for:

Electives are chosen from either the Electronics specialisation elective table, or the Computer Networking specialisation electives table or the Data Communications Specialisation electives table.

Electronics Specialisation Electives

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|---------------------------------|--------|-------|----------------|---------------|
| Electronics Electives – 4 required at least two must be at Level 6 | | | | | |
| DE5407 | Electronics 1 | 15 | 5 | DE5403 | |
| DE6402 | Electronics 2 | 15 | 6 | DE5407 | |
| DE5406 | Microcontrollers 1 | 15 | 5 | DE4103 | |
| DE6417 | Microcontrollers 2 | 15 | 6 | DE5406 | |
| DE6408 | Electronic Manufacturing 2 | 15 | 6 | DE5414 | |
| DE5418 | Engineering Mathematics Level 5 | 15 | 5 | DE4102 | |

Computer Networking Specialisation

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|------------------------------------|--------|-------|----------------|---------------|
| Computer Networking Electives – 4 required at least two must be at Level 6 | | | | | |
| DE5409 | PC Engineering * | 15 | 5 | | |
| DE5410 | Routing and Switching Essentials * | 15 | 5 | DE5408 | |
| DE6415 | Scaling Networks * | 15 | 6 | DE5410 | |
| DE6416 | Connecting Networks * | 15 | 6 | DE6415 | |
| DE6403 | Network Operating Systems | 15 | 6 | DE5409 | |
| DE6408 | Electronic Manufacturing 2 | 15 | 6 | DE5414 | |
| DE5418 | Engineering Mathematics Level 5 | 15 | 5 | DE4102 | |

***Note:** for CCNA Certification candidates are required to have all modules marked with * from Computer Networking.

Data Communications Specialisation

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--|--------------------------------------|--------|-------|------------------|---------------|
| Data Communications Electives – 4 required at least two of which must be at Level 6 | | | | | |
| DE5410 | Routing and Switching Essentials | 15 | 5 | DE5408 | |
| DE5420 | Data telecommunications Intermediate | 15 | 5 | DE5403 DE5408 | |
| DE6408 | Electronic Manufacturing 2 | 15 | 6 | DE5414 | |
| DE6415 | Scaling Networks | 15 | 6 | DE5410 | |
| DE6416 | Connecting Networks | 15 | 6 | DE6415 | |
| DE5418 | Engineering Mathematics Level 5 | 15 | 5 | DE4102 | |

7.4 New Zealand Diploma in Engineering (Mechanical Engineering)

Programme Regulations for:

To be awarded the **New Zealand Diploma in Engineering (Mechanical Engineering)**, a candidate must successfully complete the required 240 credits and meet the following requirements:

- All common compulsory modules must be passed;
- All mechanical strand compulsory modules must be passed;
- Compulsory modules for one specialisation must be passed;
- The remainder credits are taken from the elective modules that align with the chosen specialisation.
- Graduate outcomes and attributes have been met and evidenced

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|----------------------------------|--------|-------|--|---------------|
| Common Compulsory | | | | | |
| DE4101 | Engineering Fundamentals | 15 | 4 | | |
| DE4102 | Engineering Mathematics 1 | 15 | 4 | | |
| DE4103 | Technical Literacy | 15 | 4 | | |
| DE6101 | Engineering Management | 15 | 6 | Min of 105 credits from NZDE | |
| DE6102 | Engineering Project | 15 | 6 | DE4103 and Minimum of 45 credits L5 DE4301 | DE6101 |
| Mechanical Engineering Strand Compulsory | | | | | |
| DE3301 | Engineering Practice | 15 | 3 | | |
| DE4301 | Engineering CAD | 15 | 4 | DE4103 | |
| DE5305 | Mechanics | 15 | 5 | DE4101 DE4102 DE4103 | |
| DE5306 | Mechanical Materials | 15 | 5 | | |
| DE5301 | Thermodynamics and Heat Transfer | 15 | 5 | DE4101 DE4102 DE4103 | |
| DE6301 | Fluid Mechanics | 15 | 6 | DE4101 DE4102 DE5305 | |

Mechanical Specialisation

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--|--|--------|-------|----------------------------|---------------|
| Mechanical Specialisation Compulsory | | | | | |
| DE5302 | Strength of Materials 1 | 15 | 5 | DE5305 | |
| DE6310 | Manufacturing Processes and Production | 15 | 6 | DE5306 | |
| DE5304 | Electrical Fundamentals | 15 | 5 | DE4101 DE4102 DE4103 | |
| Mechanical Specialisation Electives: two to be selected | | | | | |
| DE6302 | Mechanics of Machines | 15 | 6 | DE5302 | |
| DE6308 | Strength of Materials 2 | 15 | 6 | DE5302 | |

Programme Regulations for:

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|-------------|------------------------------------|--------|-------|----------------|---------------|
| DE6309 | Advanced Thermodynamics | 15 | 6 | DE5301 | |
| DE6315 | Fluid Power | 15 | 6 | | |
| DE6419 | Maintenance Engineering Management | 15 | 6 | | |

Services Specialisation

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|--|---|--------|-------|----------------------------|---------------|
| Services Specialisation Compulsory | | | | | |
| DE5304 | Electrical Fundamentals | 15 | 5 | DE4101 DE4102 DE4103 | |
| DE6303 | Water-based Heat Transfer Systems | 15 | 6 | DE5301 | |
| DE6311 | Air Handling Systems | 15 | 6 | DE5301 | |
| Services Specialisation Electives: two to be selected | | | | | |
| DE5402 | PLC Programming 1 | 15 | 5 | | |
| DE6304 | Piped Services Systems | 15 | 6 | DE5301 | |
| DE6312 | Building Management and Control Systems | 15 | 6 | DE5301 | |
| DE6313 | Industrial Refrigeration Systems | 15 | 6 | DE5301 | |
| DE6314 | Commercial and Light Industrial RAC Systems | 15 | 6 | DE5301 | |
| DE6419 | Maintenance Engineering Management | 15 | 6 | | |

Production Specialisation

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|--|--------|-------|----------------------------|---------------|
| Production Specialisation Compulsory | | | | | |
| DE6310 | Manufacturing Processes and Production | 15 | 6 | DE5306 | |
| DE5304 | Electrical Fundamentals | 15 | 5 | DE4101 DE4102 DE4103 | |
| DE6305 | Quality and Reliability | 15 | 6 | DE4102 | |
| DE6306 | Operations Management | 15 | 6 | DE6305 | |
| DE6307 | Planning and Control | 15 | 6 | DE4102 | |

Metallurgy Specialisation

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|---|--|--------|-------|----------------|---------------|
| Metallurgy Specialisation Compulsory | | | | | |
| DE6310 | Manufacturing Processes and Production | 15 | 6 | DE5306 | |
| DE5302 | Strength of Materials 1 | 15 | 5 | DE5305 | |
| DE6308 | Strength of Materials 2 | 15 | 6 | DE5302 | |

Programme Regulations for:

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|-------------|-------------------------------|--------|-------|------------------|---------------|
| DE6316 | Advanced Materials Metallurgy | 15 | 6 | DE5306 DE6310 | DE6308 |
| DE6317 | Particulate Material Dynamics | 15 | 6 | DE6301 | |

7.5 New Zealand Diploma in Engineering (Fire Engineering)

To be awarded the **New Zealand Diploma in Engineering (Fire Engineering)**, a candidate must successfully complete the required 240 credits and meet the following requirements:

- All common compulsory modules must be passed;
- All fire engineering strand compulsory modules must be passed;
- Compulsory modules and electives (where relevant) for **one** specialisation must be passed;
- The remainder credits are taken from the elective modules that align with the chosen specialisation.
- Graduate outcomes and attributes have been met and evidenced

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|-------------------------------|---|--------|-------|--|---------------|
| Common Compulsory | | | | | |
| DE4101 | Engineering Fundamentals | 15 | 4 | | |
| DE4102 | Engineering Mathematics 1 | 15 | 4 | | |
| DE4103 | Technical Literacy | 15 | 4 | | |
| DE6101 | Engineering Management | 15 | 6 | Min of 105 credits from NZDE | |
| DE6102 | Engineering Project (Mechanical) | 15 | 6 | DE4103 and Minimum of 45 credits L5 DE4301 | DE6101 |
| Fire Strand Compulsory | | | | | |
| DE5306 | Mechanical Materials | 15 | 5 | | |
| DE5301 | Thermodynamics and Heat Transfer | 15 | 5 | DE4101, DE4102, DE4103 | |
| DE6301 | Fluid Mechanics | 15 | 6 | DE4101, DE4102, DE305 | |
| DE5201 | Structures 1 | 15 | 5 | DE4101 | |
| DE6506 | Engineering Design Practice | 15 | 6 | | |
| DE6501 | Means of Escape* | 15 | 6 | | |
| DE6502 | Fire Dynamics* | 15 | 6 | DE4101, DE4102, DE5301 | |
| DE6503 | Fire Risk Assessment and Hazard Analysis* | 15 | 6 | DE6502, , | DE6504 |

Programme Regulations for:

| Module Code | Module Title | Credit | Level | Pre-requisites | Co-requisites |
|-------------|------------------------------------|--------|-------|------------------|---------------|
| | | | | DE6501 DE6506 | DE6505 |
| DE6504 | Fire Protection Systems – Active* | 15 | 6 | | |
| DE6505 | Fire Protection Systems – Passive* | 15 | 6 | | |
| DE3505 | Mechanics | | | | |

**Not all of these electives are available every year*

Programme Regulations for:

Additional Regulations for the New Zealand Diploma in Engineering

A. Assessment

A.1 All assessment is achievement based using an 11 point grading system.

A.2 Module Grades:

a) Module grades are calculated by the mathematical aggregation of weighted assessments using the following conversion:

| Grade | Percentage | Result |
|-------|------------|--------|
| A+ | 90-100 | Pass |
| A | 85-89 | Pass |
| A- | 80-84 | Pass |
| B+ | 75-79 | Pass |
| B | 70-74 | Pass |
| B- | 65-69 | Pass |
| C+ | 60-64 | Pass |
| C | 55-59 | Pass |
| C- | 50-54 | Pass |
| D | 40-49 | Fail |
| E | 0-39 | Fail |

b) Candidates must achieve a minimum of 40% in both aggregated coursework marks and in any final examination, with an overall grade of C- (50%) or better, to pass each module.

c) Candidates who do not meet the threshold criteria of 40% in their coursework will receive an E grade unless they choose to sit the final examination and then may achieve the maximum of a D grade.

A.3 Other Results:

a) Candidates may be awarded one of the following grades for a module if they meet the criteria described:

| Grade | Definition |
|----------|--|
| AEG | Awarded pass following consideration of impaired performance/aegrotat application. Note: the compulsory Level 6 modules DE6101 Engineering Management and DE6102 Engineering Project modules cannot be passed by Aegrotat. |
| CR/RPL | Credit Recognition – the candidate has applied for and been awarded a credit Recognition. |
| W/WD/WDN | Formal withdrawal application processed prior to completion of module. |
| DNC/INC | Did Not Complete – candidate failed to complete more than 50% of the prescribed assessments for that module. |
| FCW | Failed course work |
| FFE | Failed final exam |

Programme Regulations for:

| | |
|---|--|
| R | Restricted (conceded) pass. Can be granted at the discretion of the provider providing the candidate has achieved a minimum of 45% overall and the module is not a compulsory module. A candidate can graduate with one R pass only. |
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B. Resits and Resubmissions

- B.1 A resubmission is a request for a learner to provide further evidence for assessment and applies only to uncontrolled coursework assessments (i.e. assignments, projects, etc).
- B.2 Resubmissions will be carried out in a time or time period agreed with the Team Manager and in alignment with Wintec's Academic Regulations and associated Academic Manual.
- B.3 A candidate may undertake only one resubmission within any module.
- B.4 Where a student fails a module and is required to re-enrol, the Centre Director may authorise the coursework mark to be carried through to the re-enrolment. The coursework mark may only be carried through once. All coursework marks carried through must be reported to the relevant Programme Committee annually.

C. Transition Arrangements

- C.1 Transition arrangements and cross credit schedules are listed in Appendix 1 of the NZDE National Curriculum Document.
- C.2 Current Year One full-time candidates enrolled in the existing diploma programme will complete the existing Year Two programme in 2016.
- C.3 New candidates will be enrolled in the new programme (version 2.0).
- C.4 Current part-time candidates and those in exceptional circumstances will be assessed on a case by case basis (in line with the NZDE transition arrangements).