PROGRAM PLAN
DIPLOMA IN ENGINEERING

PROGRAM OPTION:
Full-time and Part-time

START DATE:
Semester 1, 2021 to 2022

LOCATION:
Callaghan

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Program Advisor to ensure you remain on track.

PROGRAM HANDBOOK
COURSE HANDBOOK

NAME:

STUDENT NO.:

Full Time Option

YEAR 1	SEMESTER 1	ENGG1500 Introduction to Professional Engineering CORE	FNEG1110 Introduction to Mechanical Engineering Design CORE	FNMT1002 Foundational Studies in Mathematics CORE	FNPS1001 Engineering Physics 1 CORE
	SEMESTER 2	FNEG1003 Engineering Computations and Procedural Programming CORE	FNMT1110 Mathematics for Engineering, Science and Technology CORE	FNPS1002 Engineering Physics 2 CORE	FNEG1004 Fundamentals of Engineering Mechanics OR FNEG1005 Introduction to Electrical Engineering DIRECTED

Part Time Option

YEAR 1	SEMESTER 1	FNMT1002 Foundational Studies in Mathematics CORE	FNPS1001 Engineering Physics 1 CORE
	SEMESTER 2	FNMT1110 Mathematics for Engineering, Science and Technology CORE	FNPS1002 Engineering Physics 2 CORE
YEAR 2	SEMESTER 1	ENGG1500 Introduction to Professional Engineering CORE	FNEG1110 Introduction to Mechanical Engineering Design CORE
	SEMESTER 2	FNEG1003 Engineering Computations and Procedural Programming CORE	FNEG1004 Fundamentals of Engineering Mechanics OR FNEG1005 Introduction to Electrical Engineering DIRECTED

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To be eligible to graduate make sure you have completed 80 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

To satisfy the requirements for the Diploma in Engineering program you must complete:

- Core Courses – 70 units
- Directed Courses – 10 units
- The duration of this program is 1 year full-time (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 4 years.

Some courses have assumed knowledge and/or requisites, please refer to the individual **Course Handbook**. Please refer to the **Program Handbook** for specific information on program structure. If you are intending varying from this program plan please seek advice from your **Student Liaison Officer**.

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DIRECTED A COURSES

Complete 10 units from the following directed courses	
FNEG1004	Fundamentals of Engineering Mechanics
FNEG1005	Introduction to Electrical Engineering

How do I know which directed courses to choose?

Which directed course you should complete depends on which Bachelor program you are planning to enrol in:

Bachelor Program	Recommended Directed Course		Maximum Credit
Bachelor of Aerospace Systems Engineering (Honours)	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	70 units
Bachelor of Chemical Engineering (Honours)	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	80 units
Bachelor of Computer Systems Engineering (Honours)	FNEG1005	Introduction to Electrical Engineering	80 units
Bachelor of Civil Engineering (Honours)	FNEG1004	Fundamentals of Engineering Mechanics	80 units
Bachelor of Electrical and Electronic Engineering (Honours)	FNEG1005	Introduction to Electrical Engineering	80 units
Bachelor of Environmental Engineering (Honours)	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	70 units
Bachelor of Mechanical Engineering (Honours)	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	80 units
Bachelor of Mechatronics Engineering (Honours)	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	70 units
Bachelor of Medical Engineering (Honours) Medical Biomechanics Major	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	60 units
Bachelor of Medical Engineering (Honours) Medical Devices Major	FNEG1005	Introduction to Electrical Engineering	60 units
Bachelor of Renewable Energy Engineering (Honours)	FNEG1005	Introduction to Electrical Engineering	80 units
Bachelor of Software Engineering (Honours)	FNEG1004 Or FNEG1005	Fundamentals of Engineering Mechanics Introduction to Electrical Engineering	60 units
Bachelor of Surveying Engineering (Honours)	FNEG1004	Fundamentals of Engineering Mechanics	80 units

How do I know how much credit I will receive if I enrol in a Bachelor of Engineering program?

Please see the table above for the maximum amount of credit you can receive for each program. Whether you are eligible to receive the maximum amount of credit will depend on which directed you choose to complete, please see the table above for which directed course is recommended for each program.

If you do not yet know which program you want to enrol in, you should complete the directed course that interests you, however please keep in mind that you may not be able to receive the maximum credit.