

Diploma Course Map – October intake

Course Code: 2612/U0604 - Diploma of Engineering

This course map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each trimester.

This course map should be followed by **Part 1 Engineering students**.

Students who have a direct Part 2 offer, please refer to the other course map.

Part 1				
Trimester 1	MCD1520 Introduction to Academic Communication	MCD1170 Introductory Chemistry	MCD1180 Introductory Physics	MCD1700 Introductory Mathematics
Trimester 2	MCD1160 Introductory Engineering Computing	MCD1190 Chemistry A Pre-requisite: MCD1170	MCD1200 Physics A Pre-requisite: MCD1180	MCD1530 Functions and Their Applications Pre-requisite: MCD1700
Part 2 (Engineering stream) – Continuing from Part 1				
Trimester 1	MCD4390 Chemistry 1 Pre-requisite: MCD1190	MCD4160 Physics for Engineering Pre-requisite: MCD1200	MCD4540 Engineering Smart Systems	MCD4490 Advanced Mathematics Pre-requisite: MCD1530
Trimester 2	MCD4520 Engineering Methods	MCD4530 Engineering Design	MCD4550 Engineering Numerical Analysis Co-requisite: MCD4500	MCD4500 Engineering Mathematics Pre-requisite: MCD4490

We're here to help

Contact the Team Leader for help with your unit selection

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Please follow this course map if you are a **Direct Part 2 student**.

Part 2 (Engineering stream)				
Trimester 1	MCD4390 Chemistry 1	MCD4160[^] Physics for Engineering or MCD4600^{^^} Intermediate Physics	MCD4540 Engineering Smart Systems	MCD4490 Advanced Mathematics
[^] All students choose MCD4160 Physics for Engineering unless ^{^^} your offer states you need to pick up MCD4600 Intermediate Physics , you do not need to enroll in MCD4160				
Trimester 2	MCD4520 Engineering Methods	MCD4530 Engineering Design	MCD4550 Engineering Numerical Analysis Co-requisite: MCD4500	MCD4500 Engineering Mathematics Pre-requisite: MCD4490

Note: If the offer states you need to pick up **MCD2130^{^^^} Functions and Their Applications**, you need to follow the below 3-3-2 model instead.

Trimester 1	MCD2130^{^^^} Functions and their Applications	MCD4390 Chemistry 1	MCD4540 Engineering Smart Systems
Trimester 2	MCD4490 Advanced Mathematics Pre-requisite: MCD2130	MCD4530 Engineering Design	MCD4520 Engineering Methods
Trimester 3	MCD4500 Engineering Mathematics Pre-requisite: MCD4490	MCD4550 Engineering Numerical Analysis Co-requisite: MCD4500	

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