

## Diploma Course Map – June 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.

<b>Part 1</b>				
Trimester 1	<b>MCD1520</b> Introduction to Academic Communication	<b>MCD1170</b> Introductory Chemistry	<b>MCD1180</b> Introductory Physics	<b>MCD1700</b> Introductory Mathematics
Trimester 2	<b>MCD1160</b> Introductory Engineering Computing	<b>MCD1190</b> Chemistry A  Pre-requisite: MCD1170	<b>MCD1200</b> Physics A  Pre-requisite: MCD1180	<b>MCD1530</b> Functions and Their Applications  Pre-requisite: MCD1700
<b>Part 2 (Engineering stream) – Continuing from Part 1</b>				
Trimester 1	<b>MCD4390</b> Chemistry 1  Pre-requisite: MCD1190	<b>MCD4160</b> Physics for Engineering  Pre-requisite: MCD1200	<b>MCD4520</b> Engineering Methods	
Trimester 2	<b>MCD4490</b> Advanced Mathematics  Pre-requisite: MCD1530	<b>MCD4540</b> Engineering Smart Systems		<b>MCD4530</b> Engineering Design
Trimester 3	<b>MCD4500</b> Engineering Mathematics  Pre-requisite: MCD4490	<b>MCD4550</b> Engineering Numerical Analysis  Co-requisite: MCD4500		

### We're here to help

Contact the Team Leader for help with your unit selection

Dr Reshmi Sharma  
Team Leader, Diploma of Science, Science (Education) and Engineering E: [reshmi.sharma@monashcollege.edu.au](mailto:reshmi.sharma@monashcollege.edu.au)

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

<b>Part 2 (Engineering stream)</b>			
Trimester 1	<b>MCD4160<sup>^</sup></b> Physics for Engineering or <b>MCD4600<sup>^^</sup></b> Intermediate Physics or <b>MCD2130<sup>^^^</sup></b> Functions and their Applications	<b>MCD4390</b> Chemistry 1	<b>MCD4520</b> Engineering Methods
<sup>^</sup> All students choose <b>MCD4160 Physics for Engineering</b> unless <sup>^^</sup> your offer states you need to pick up <b>MCD4600 Intermediate Physics</b> , you do not need to enrol in MCD4160 or <sup>^^^</sup> your offer states you need to pick up <b>MCD2130 Functions and Their Applications</b> , you do not need to enrol in MCD4160 (Note that MCD2130 is a prerequisite for MCD4490)			
Trimester 2	<b>MCD4490</b> Advanced Mathematics	<b>MCD4530</b> Engineering Design	<b>MCD4540</b> Engineering Smart Systems
Trimester 3	<b>MCD4500</b> Engineering Mathematics  Pre-requisite: MCD4490	<b>MCD4550</b> Engineering Numerical Analysis  Co-requisite: MCD4500	

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### Dr Reshmi Sharma

Team Leader,

Diploma of Science, Science (Education) and Engineering

E: [reshmi.sharma@monashcollege.edu.au](mailto:reshmi.sharma@monashcollege.edu.au)