

Student ID:		Student name:	
Deakin email:		Preferred contact number:	
Date:	Year commenced:	eCOE:	Campus:

2020 SAMPLE T1 COURSE MAP

Last updated 15/7/2019

SEJ010 Introduction to Safety and Project Oriented Learning, STP050 Academic Integrity AND STP010 Career Tools for Employability – (0-credit point compulsory units)

YEAR 1 Year: <input type="text"/> Year	Trimester 1	SEJ010 Design Fundamentals (2 credit points)	SEB101 Engineering Physics	SIT199 Applied Algebra and Statistics
	Trimester 2	SEJ103 Materials Engineering Project (2 credit points)	SIT194 Introduction to Mathematical Modelling	SIT172 Programming for Engineers
	Trimester 3*			

YEAR 2 Year: <input type="text"/> Year	Trimester 1	SEM200 Machine Design (2 credit points)	SEM218 Fluid Mechanics	SEP291 Engineering Modelling
	Trimester 2	SEJ201 Structural Design (2 credit points)+	SEM216 Stress and Failure Analysis	SEM202 Thermodynamics
	Trimester 3*			

YEAR 3 Year: <input type="text"/> Year	Trimester 1	SEM300 Thermo-Fluid System Design (2 credit points)	SED304 Product Development	SEM313 Manufacturing
	Trimester 2	SEM301 Industrial Control (2 credit points)	SEM302 Advanced Stress Analysis	SEM327 Dynamics of Machines
	Trimester 3*			

YEAR 4 Year: <input type="text"/> Year	Trimester 1	SEJ441 Engineering Project A (2 credit points)^~	SEM400 Computational Fluid Dynamics	Elective
	Trimester 2	SEJ446 Engineering Project B (2 credit points)^~	SEM406 Advanced Modelling and Simulation	SEP499 Professional Engineering Practice^+
	Trimester 3*			

* Trimester 3 is optional.

^ Offered in Trimester 1, 2 and 3

+ Must have completed STP010 Career Tools for Employability – 0-credit point unit

~ Students are expected to undertake SEJ441 and SEJ446 in consecutive trimesters. Students will be required to seek approval from the unit chair if they are unable to complete SEJ441 and SEJ446 consecutively.

KEY

B Melbourne Burwood Campus	E Enrolled/planned
WF Geelong Waterfront Campus	P Passed
WP Geelong Waurn Ponds Campus	Cr Credit
WB Warrnambool Campus	
C Cloud Campus	

This course map is for illustrative purposes only. Students must meet the course rules and unit requirements as set out in the Handbook (deakin.edu.au/handbook). Deakin University reserves the right to alter, amend or delete details of course offerings and other information published herein. Students are advised to check the relevant Handbook online (at the above link) for the most up-to-date information relating to their course structure and available units.

Student signature:

Course adviser:

See page 2 for Course Progress Check instructions

S462 Bachelor of Mechanical Engineering (Honours)

2020 SAMPLE T1 COURSE MAP

Course Progress Check

- 1 Please indicate what year you want to complete your degree by:
At the end of which Trimester: 1 2 3
- 2 Please indicate whether you would like to study in Trimester 3: No Yes
If yes, please indicate number of units: Please indicate the year you intend to commence Trimester 3:
- 3 Mark the check boxes of any units you intend to study (enrolled/planned), have passed or received credit for.
Each unit should only be ticked once.
- 4 Submit this form to Student Central or send it via email to: enquire@deakin.edu.au

A Student Adviser will check your units and will confirm your course plan or provide advice as needed.

For course rules please visit: deakin.edu.au/handbook

Engineering elective units:

SEJ451 Materials Performance and Durability
 SET404 Engineering Design: International Study Tour
 SEE705 Energy Efficiency and Demand Management
 SEM711 Product Development Technologies
 SEM722 Advanced Manufacturing Technology
 SEM723 Additive Manufacturing Processes and Applications
 SEM724 Design for Additive Manufacturing
 SEM725 Materials for Additive Manufacturing
 SEN700 Research Methodology

S462 Course Rules

The course comprises a total of 32 credit points, which must include the following:

- 31 credit points of core units (including SEP499 – 12 Week Professional Engineering Practice)
- 1 elective unit (1 credit point)
- completion of SEJ010 Introduction to Safety and Project Oriented Learning (0-credit point compulsory unit)
- completion of STP010 Career Tools for Employability (0-credit point compulsory unit)
- completion of STP050 Academic Integrity (0-credit point compulsory unit)
- a maximum of 10 credit points at Level 1
- a minimum 6 credit points at level 4
- a minimum 22 credit points combined over levels 2, 3 and 4
- Cloud Campus enrolled students may be required to attend campus mode conducted activities during the corresponding Intensive Week in a trimester. Attendance at campus mode activities is linked to assessment requirements within the Engineering programs, failure to attend will result in not meeting the hurdle requirement of the respective assessment. Thus, a fail grade shall be awarded for the respective affected unit(s) for that particular trimester.

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