



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

## 2020 SAMPLE T1 COURSE MAP

Last updated 15/7/2019

### SEJ101 Introduction to Safety and Project Oriented Learning, STP050 Academic Integrity AND STP010 Career Tools for Employability – (0-credit-point compulsory units)

<b>YEAR 1</b> Year: <input type="text"/>	Trimester 1	SEJ101 Design Fundamentals (2 credit points)	SEB101 Engineering Physics	SIT199 Applied Algebra and Statistics
	Trimester 2	SEJ102 Electrical Systems Engineering Project (2 credit points)	SIT194 Introduction to Mathematical Modelling	SIT172 Programming for Engineers
	Trimester 3*			

<b>YEAR 2</b> Year: <input type="text"/>	Trimester 1	SEM200 Machine Design (2 credit points)	SEE216 Analogue and Digital Electronics	SEP291 Engineering Modelling
	Trimester 2	SEE222 Embedded Systems Design (2 credit points)+	SER203 Programming and Visualisation	SEE212 Power Electronics
	Trimester 3*			

<b>YEAR 3</b> Year: <input type="text"/>	Trimester 1	SER300 Mechatronic Design (2 credit points)	SEE326 Artificial Intelligence for Autonomous Systems	SEE312 Data Communication
	Trimester 2	SER301 Electromechanical Systems Design (2 credit points)	SEE344 Control Systems	SEM327 Dynamics of Machines
	Trimester 3*			

<b>YEAR 4</b> Year: <input type="text"/>	Trimester 1	SEJ441 Engineering Project A (2 credit points)^~	Elective	Elective
	Trimester 2	SEJ446 Engineering Project B (2 credit points)^~	SER400 Virtual and Augmented Interfaces	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>B</b> Melbourne Burwood Campus	<b>E</b> Enrolled/planned
<b>WF</b> Geelong Waterfront Campus	<b>P</b> Passed
<b>WP</b> Geelong Waurm Ponds Campus	<b>Cr</b> Credit
<b>WB</b> Warrnambool Campus	
<b>C</b> 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](http://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

# S463 Bachelor of Mechatronics 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](mailto: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](http://deakin.edu.au/handbook)

#### Engineering elective units:

SEE407 SCADA and PLC  
 SED304 Product Development  
 SEJ451 Materials Performance and Durability  
 SEV415 Infrastructure Engineering  
 SET404 Engineering Design: International Study Tour  
 SEE705 Energy Efficiency and Demand Management  
 SEE711 Sensor Networks  
 SEN700 Research Methodology

#### S463 Course Rules

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

- 30 credit points of core units (including completion of SEP499 – Professional Engineering Practice (12 weeks))
- 2 elective units (1 credit point each)
- 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.

#### KEY

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