

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

## 2018 SAMPLE COURSE MAP

Last updated 20/07/2017

### SEJ010 Introduction to Safety and Project Oriented Learning (0 credit points) AND STP050 Academic Integrity (0 credit points)

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

### STP010 Introduction to Work Placements – 0 credit-point compulsory unit

|   |              |   |  |   |
|---|--------------|---|--|---|
| <b>YEAR 2</b><br>Year:<br><input type="text"/> Year | Trimester 1  | SEM200 Machine Design (2cp)   | SEE206 Measurement and Instrumentation | SEP291 Engineering Modelling            |
|   | Trimester 2  | SER201 Embedded System Design (2cp)<br>(must have completed STP010 Introduction to Work Placements – 0 credit points) | SEE216 Analogue and Digital Systems    | SER202 Programming for Embedded Systems |
|   | Trimester 3* |   |  |   |

|   |              |   |   |                             |
|---|--------------|---|---|-----------------------------|
| <b>YEAR 3</b><br>Year:<br><input type="text"/> Year | Trimester 1  | SER300 Mechatronic Design (2cp)                                 | SEE326 Artificial Intelligence for Autonomous Systems | SEE312 Data Communication   |
|   | Trimester 2  | SER301 Electromechanical Systems Design (2cp)                   | SEE344 Control Systems                                | SEM327 Dynamics of Machines |
|   | Trimester 3* | SEP499 Professional Engineering Practice<br>(Offered T1, T2 T3) |   |                             |

|   |              |                                    |   |                      |
|---|--------------|------------------------------------|---|----------------------|
| <b>YEAR 4</b><br>Year:<br><input type="text"/> Year | Trimester 1  | SEJ441 Engineering Project A (2cp) | Engineering elective                    | Engineering elective |
|   | Trimester 2  | SEJ446 Engineering Project B (2cp) | SER400 Virtual and Augmented Interfaces |                      |
|   | Trimester 3* |                                    |   |                      |

\* Trimester 3 is optional.

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.

#### 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                |                           |

Student signature:

Course adviser:

See page 2 for Course Progress Check instructions

# S463 Bachelor of Mechatronics Engineering (Honours)

## 2018 SAMPLE 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 the Faculty Student Centre or send it via email to: [sebe@deakin.edu.au](mailto:sebe@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         |
| SEE409 | Energy Efficiency and Demand Management      |
| SEV415 | Infrastructure Engineering                   |
| SET404 | Engineering Design: International Study Tour |

#### Course Rules

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

- 30 credit points of core units and 2 Engineering elective units (1 credit point each)
- completion of SEJ010 Introduction to Safety and Project Oriented Learning (0 credit-point compulsory unit)
- completion of STP010 Introduction to Work Placements (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
- completion of SEP499 – 12 Week Professional Engineering Practice (1 credit point)
- 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 programmes, 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.

For any further course advice and assistance, please feel free to contact the Faculty of Science, Engineering and Built Environment Student Services office:

Burwood (Melbourne): Building L, Phone: 03 9244 6699  
Waterfront (Geelong): Level 2, Building D, Phone: 03 5227 8300  
Waurm Ponds (Geelong): Level 3, Building KA, Phone: 03 5227 2463  
Warrnambool: Level 1, Building H, Phone: 03 5563 3327

#### KEY

|           |                            |           |                  |
|-----------|----------------------------|-----------|------------------|
| <b>B</b>  | Melbourne Burwood Campus   | <b>E</b>  | Enrolled/planned |
| <b>WF</b> | Geelong Waterfront Campus  | <b>P</b>  | Passed           |
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| <b>C</b>  | Cloud Campus               |           |                  |