Faculty of Science, Engineering and Built Environment
2016 Course Enrolment Map

Course:	S463 Bachelor of Mechatronics Engineering (Honours)		
Campus:	Burwood (Melbourne) (first year of course only)*, Waurn Ponds (Geelong), Cloud (online)		
Student name:		ID#:	
CoE expiry:		CTR (credit):	

*Only the first year of this Engineering program is available at the Melbourne Burwood Campus. Students enrolled at the Melbourne Burwood Campus will be required to transfer to the Geelong Waurn Ponds Campus or Cloud (online) mode for the second year of their program. INTERNATIONAL STUDENTS - Due to visa regulations, this course can only be undertaken at the Geelong Waurn Ponds Campus

Use the course rules below to create your personal enrolment map. Your course map will vary if you are commencing in trimester 2.

Sample Enrolment Map

Year 1				
SEE010 Safety Induction Program – 0 Credit Point Unit				
Tri-1	SEJ101 Design Fundamentals (2cp)		SEB101 Engineering Fundamentals	SIT199 Applied Algebra and Statistics
Tri-2	SEJ102 Electrical Systems Engineering Project (2cp)		SIT194 Introduction to Mathematical Modelling	SIT172 Programming for Engineers
Tri-3				
Year 2				
Tri-1	SEM200 Machine Design (2cp)		SEE206 Measurement and Instrumentation	SEP291 Engineering Modelling
Tri-2	SER201 Embedded System Project (2cp)		SEE216 Analog and Digital Systems	SER202 Programming for Embedded Systems
Tri-3				
Year 3				
Tri-1	SER300 Mechatronic Design (2cp)^		SEE326 Artificial Intelligence for Autonomous Systems	SEM327 Dynamics of Machines
Tri-2	SER301 Electromechanical Systems Project (2cp)^		SEE344 Control Systems	SEE312 Industrial Data Communication
Tri-3				
SEP490 Engineering Work Experience (12 weeks) (offered in T1, T2, T3				
Year 4				
Tri-1	SEJ441 Engineering Project A (2cp) *~		Engineering elective	Engineering elective
Tri-2	SEJ446 Engineering Project B (2cp) *~		SER400 Virtual and Augmented Interfaces	Engineering elective
Tri-3				

* From 2017 SEJ441 will be retitled Capstone Project 1 and will be a 2 credit point unit. SEJ446 will be retitled Capstone Project 2.
~ Note: 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.

This course map is for illustrative purposes. Students must meet the course rules and unit requirements as set out in the Handbook (http://www.deakin.edu.au/students/university-handbook/2016)

Engineering elective units:

SEE412 Data Communication ^
SED304 Product Development ^
SEE406 Electrical Systems and Safety

^ offered from 2017

Course Requirements:

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

- 29 core units and 3 Engineering elective units
- completion of SEE010 Safety Induction Program (0 credit-point compulsory unit)
- a maximum of 10 credit points at Level 1
- completion of SEP490 – 12 Week Engineering Work Experience (0 credit points)
- Cloud (online) enrolled students are required to attend campus mode conducted activities for all units in the course (with the exception of units SEE010 and SEP490) during the trimester intensive week. Attendance at campus mode activities is compulsory and failure to attend will result in a fail grade being awarded for the respective affected unit(s) for that particular trimester.

Student (name and signature)	**Course advisor (name and signature)**	**Date:**