

## Bachelor of Engineering in the field of mechanical engineering and Bachelor of Design (Industrial Design)

<b>Student ID</b>		<b>Student name</b>	
<b>Course code</b>	2965	<b>Year commenced course</b>	
<b>Course version</b>	3 (for students who commenced first year in 2005 onwards)		
<b>Credit points</b>	240 points comprising: 90 points of Art and Design (15 units) and 150 points of Engineering (25 units)		
<b>Duration of degree</b>	5 years full time, 10 years part time		
<b>Time limit</b>	10 years. Students have ten years in which to complete this award from the time they commence level one. Periods of intermission are counted as part of the eight years.		
<b>Honours</b>	Students are awarded a degree with honours for meritorious performance throughout the course. No additional time is required.		
<b>Conversion to single degree</b>	Student wishing to take out their engineering degree prior to completion of all the requirements for the double degree will have to complete the required 192 credit points for the single Bachelor of Engineering degree. Students wishing to take out the non-engineering component of the degree should consult the relevant faculty.		
<b>Course adviser</b>	<a href="http://www.eng.monash.edu.au/current-students/course-information.html#1">http://www.eng.monash.edu.au/current-students/course-information.html#1</a>		

**Students should bring this course map with them when they seek course advice.**

First year (select eight units from):	Mark	Grade
<b>Core units</b>		
<input type="checkbox"/> DGN1001 Design studio 1		
<input type="checkbox"/> DWG1301 Drawing 1C		
<input type="checkbox"/> ENG1020 Engineering structures		
<input type="checkbox"/> ENG1030 Electrical systems		
<input type="checkbox"/> ENG1040 Engineering dynamics		
<input type="checkbox"/> ENG1060 Computing for engineers		
<input type="checkbox"/> ENG1091 Mathematics for engineering		
<input type="checkbox"/> OHS1000 Occupational health and safety (this unit is worth 0 points)		
Select one unit from either the foundation or the elective units:		
<b>Foundation units</b>		
Students who have not completed VCE units 3 and 4 Physics and/or Specialist Mathematics should select a foundation unit from the following. IF two foundation units are required, the student should complete ENG1090 only.		
<input type="checkbox"/> ENG1080 Foundation physics (if you have not completed VCE Physics)		
<input type="checkbox"/> ENG1090 Foundation mathematics (if you have not completed VCE Spec Maths)		
<b>Elective</b>		
For students who are not required to undertake a foundation unit:		
<input type="checkbox"/> ENG1081 Physics for engineering		

<b>Second year</b>	<b>Mark</b>	<b>Grade</b>
<input type="checkbox"/> ENG2091 Advanced engineering mathematics A		
<input type="checkbox"/> IDE1112 Industrial design studio 2		
<input type="checkbox"/> IDE1502 Modelmaking and workshop practice		
<input type="checkbox"/> IDE1602 Product drawing		
<input type="checkbox"/> MEC2401 Dynamics I		
<input type="checkbox"/> MEC2402 Engineering design I		
<input type="checkbox"/> MEC2405 Thermodynamics		
<input type="checkbox"/> MEC2406 Engineering design II		
<b>Third year</b>	<b>Mark</b>	<b>Grade</b>
<input type="checkbox"/> DIS1103 Digital processes for art and design 1		
<input type="checkbox"/> IDE2113 Industrial design studio 3		
<input type="checkbox"/> IDE2114 Industrial design studio 4		
<input type="checkbox"/> IDE2303 Ergonomics		
<input type="checkbox"/> MEC2403 Mechanics of materials		
<input type="checkbox"/> MEC2404 Fluid mechanics I		
<input type="checkbox"/> MEC2407 Electromechanics		
<input type="checkbox"/> TAD1203 Introduction to design history and theory		
<b>Fourth year</b>	<b>Mark</b>	<b>Grade</b>
<input type="checkbox"/> IDE3115 Industrial design studio 5		
<input type="checkbox"/> MEC3451 Fluid mechanics		
<input type="checkbox"/> MEC3452 Design III		
<input type="checkbox"/> MEC3453 Dynamics II		
<input type="checkbox"/> MEC3454 Thermodynamics and heat transfer		
<input type="checkbox"/> MEC3456 Engineering computational analysis		
<input type="checkbox"/> MEC3457 Systems and control		
<input type="checkbox"/> TAD2214 Critical issues in design		
<b>Fifth year</b>	<b>Mark</b>	<b>Grade</b>
<b>Core units</b>		
<input type="checkbox"/> IDE3116 Industrial design studio 6 (12 points)		
<input type="checkbox"/> IDE3814 Materials and manufacturing 2		
<input type="checkbox"/> MEC3455 Solid mechanics		
<input type="checkbox"/> MEC4401 Project I		
<input type="checkbox"/> MEC4402 Project II		

<b>Elective units</b>		
Select two electives from the course list for the Bachelor of Engineering in the field of mechanical engineering (ENG4614/ENG4616 Schools project may not be included as one of the electives)		
<input type="checkbox"/>		
<input type="checkbox"/>		
<b>Professional requirements</b>		
Students may not graduate until they have completed their work experience and submitted a satisfactory report on the experience		
<input type="checkbox"/> 12 weeks approved engineering work experience		
<input type="checkbox"/> Report submitted to department and approved		

Every effort has been made to ensure that the information provided is correct at the time of publication.  
 Monash University reserves the right to alter this information should the need arise. October 2007