

## Bachelor of Aerospace Engineering

<b>Student ID</b>		<b>Student name</b>	
<b>Course code</b>	3275	<b>Year commenced course</b>	
<b>Course version</b>	1 (for students who commenced in 2005 onwards)		
<b>Credit points</b>	192 points (32 x 6 point units)		
<b>Duration of degree</b>	4 years full time, 8 years part time		
<b>Time limit</b>	8 years. Students have eight years in which to complete this award from the time they commence first year. 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>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>		
<b>Monash University Handbook</b>	<a href="http://www.monash.edu.au/pubs/handbooks/">http://www.monash.edu.au/pubs/handbooks/</a>		

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

<b>First year (select eight units from):</b>	<b>Mark</b>	<b>Grade</b>
<b><i>Core units</i></b>		
<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"/> MAE1041 Aerospace engineering		
<b><i>Foundation units</i></b>		
For students who have not completed VCE units 3/4 of Chemistry or Physics and/or Specialist Mathematics. Select none, one or two appropriate foundation units(s) from:		
<input type="checkbox"/> ENG1070 Foundation chemistry (if you have not completed VCE Chemistry)		
<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><i>Electives</i></b>		
Select none, one or two units from:		
<input type="checkbox"/> ENG1010 Process systems analysis		
<input type="checkbox"/> ENG1050 Engineering materials		
<input type="checkbox"/> ENG1061 Engineering profession		
<input type="checkbox"/> ENG1071 Chemistry for engineering		
<input type="checkbox"/> ENG1081 Physics for engineering		

Second year	Mark	Grade
<input type="checkbox"/> ENG2091 Advanced engineering mathematics A		
<input type="checkbox"/> ENG2092 Advanced engineering mathematics B		
<input type="checkbox"/> MAE2400 Engineering materials (if ENG1050 not completed) or MTE3541 Materials durability (if ENG1050 completed)		
<input type="checkbox"/> MAE2401 Aircraft structures 1		
<input type="checkbox"/> MAE2402 Thermodynamics and heat transfer		
<input type="checkbox"/> MEC2401 Dynamics I		
<input type="checkbox"/> MEC2402 Engineering design I		
<input type="checkbox"/> MEC2404 Fluid mechanics I		
Third year	Mark	Grade
<input type="checkbox"/> MAE3401 Aerodynamics		
<input type="checkbox"/> MAE3402 Aerospace design project		
<input type="checkbox"/> MAE3403 Aerospace computational mechanics		
<input type="checkbox"/> MAE3404 Flight vehicle dynamics		
<input type="checkbox"/> MAE3405 Flight vehicle propulsion		
<input type="checkbox"/> MAE3406 Aerospace materials		
<input type="checkbox"/> MAE3407 Aircraft structures II		
<input type="checkbox"/> MAE3408 Aerospace control		
Fourth year	Mark	Grade
<b>Core units</b>		
<input type="checkbox"/> MAE4404 Aerospace practices		
<input type="checkbox"/> MAE4407 Instrumentation and avionics		
<input type="checkbox"/> MAE4408 Damage tolerance and airworthiness		
<input type="checkbox"/> MAE4901 Aerospace project I		
<input type="checkbox"/> MAE4902 Aerospace project II		
<input type="checkbox"/> Select one approved inter-faculty unit		
<b>Elective units</b>		
Select two units from:		
<input type="checkbox"/> MAE4409 Wing design		
<input type="checkbox"/> MAE4965 Advanced aerodynamics and turbulence		
<input type="checkbox"/> MAE4980 Aircraft engines		
<input type="checkbox"/> MEC4418 Control systems		
<input type="checkbox"/> MEC4426 Computer-aided design		
<input type="checkbox"/> MEC4428 Advanced dynamics		
<input type="checkbox"/> MEC4446 Composite materials		
<input type="checkbox"/> MEC4447 Computers in fluids		

Professional requirements		
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 2009