**Credit Assessment and Study Plan**

Universiti Kuala Lumpur  
First Year of Bachelor of Engineering Technology in Mechanical  
–  
UQ Bachelor of Engineering (Hons) (Mechanical and Aerospace Engineering)

**Credit Granted (#16 Units):** ENGG1100, ENGG1200, ENGG1300, ENGG1400, MATH1051, MATH1052, Unspecified introductory electives (#4)

**Exemptions:** MATH1050

**Recommended Study Plans**

Study plans are indicative only. Students must attend a Faculty academic advising session during Orientation Week to confirm their study plan. Any variations to the study plan must be discussed with an Academic Advisor, and approved by the Associate Dean (Academic).

**Study Plan: Semester 1, (March) Commencement ONLY**

<table>
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<th>Semester</th>
<th>Study Plan</th>
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| **March** | MECH2410 Fundamentals of Fluid Mechanics  
MECH2210 Dynamics & Orbital Mechanics  
MECH2300 Structures & Materials  
MECH2305 Introduction to Engineering Design |
| **July** | MECH2100 Machine Element Design  
MECH2210 Dynamics & Orbital Mechanics  
ENGG1500 Engineering Thermodynamics  
MECH2700 Engineering Analysis I |
| **March** | MECH3300 Finite Element Method & Fracture Mechanics  
MECH3400 Thermodynamic s & Heat Transfer  
MECH3600 Engineering Management & Communication  
MATH2010 (#1) Analysis of Ordinary Differential Equations  
STAT2201 (#1) Analysis of Engineering & Scientific Data |
| **July** | AERO4100 Aero Design and Manufacturing  
MECH3200 Advanced Dynamics & Vibrations  
MECH3410 Fluid Mechanics  
MECH3750 Engineering Analysis II |
| **March** | MECH4500 (#4) Engineering Thesis (Year long)  
METR3200 Introduction to Control Systems  
MECH4450 Aerospace Propulsion  
Dual Major Elective |
| **July** | Dual Major Elective  
Dual Major Elective  
Dual Major Elective |

* One of your electives must be MECH3250 or MECH3750 or MECH4460 or METR3100

**Total:** #48

Assessed November 2011, revised A. Klimenko 2013  
UQ CRICOS Code: 00025B