**Credit Assessment and Study Plan**

**Taylor's University College, Malaysia**  
**Taylor’s Own Bachelor of Engineering (Mechanical) 1+3**  

**UQ Bachelor of Engineering (Hons) (Mechanical Engineering)**

**Credit Granted (#16 Units):** ENGG1100, ENGG1200, ENGG1400, ENGG1500, MATH1051, MATH1052, MECH2410, Unspecified Part B1 Introductory Elective (#2)

**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**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Study Plan</th>
</tr>
</thead>
</table>
| **March** | ENGG1300 Introduction to Electrical Systems  
MATH2000 Calculus & Linear Algebra II  
MECH2300 Structures & Materials  
MECH2305 Introduction to Engineering Design |
| **July** | MECH2100 Machine Element Design  
MECH2210 Dynamics & Orbital Mechanics  
MECH2700 Engineering Analysis I  
**Elective** |
| **March** | MATH2010 (#1) Analysis of ODEs; **and;**  
STAT2201 (#1) Analysis of Engineering & Scientific Data  
MECH3300 Finite Element Method & Fracture Mechanics  
MECH3400 Thermodynamics & Heat Transfer  
MECH3600 Engineering Management & Communication |
| **July** | MECH3100 Mechanical Systems Design  
MECH3200 Advanced Dynamics & Vibrations  
MECH3410 Fluid Mechanics  
**Part B2 Advanced Elective** |
| **March** | MECH4500 (#4) Engineering Thesis (Year long project)  
METR4201 Introduction to Control Systems  
MECH4460 Energy & Environment; OR  
MECH3750 Engineering Analysis II  
**Part B2 Advanced Elective** |
| **July** | **Part B2 Advanced Elective**  
**Part B2 Advanced Elective**  
**Part B2 Advanced Elective** |

Total: #48

*Continued over page...*
### Study Plan: Semester 2, (July) Commencement

<table>
<thead>
<tr>
<th>Semester</th>
<th>Study Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>July</strong></td>
<td><strong>ENGG1300</strong> Introduction to Electrical Systems</td>
</tr>
<tr>
<td><strong>March</strong></td>
<td><strong>MATH2000</strong> Calculus &amp; Linear Algebra II</td>
</tr>
<tr>
<td><strong>July</strong></td>
<td><strong>MECH3100</strong> Mechanical Systems Design</td>
</tr>
<tr>
<td><strong>March</strong></td>
<td><strong>MATH2010</strong> (#1) Analysis of ODEs; <em>and</em>; <strong>STAT2201</strong> (#1) Analysis of Engineering &amp; Scientific Data</td>
</tr>
<tr>
<td><strong>July</strong></td>
<td><strong>MECH4501</strong> (#4) Engineering Thesis (Year long project)</td>
</tr>
<tr>
<td><strong>March</strong></td>
<td><strong>METR4201</strong> Introduction to Control Systems</td>
</tr>
</tbody>
</table>

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

Assessed B. Feng June 2015  
UQ CRICOS Code: 00025B