Credit Assessment and Study Plan

Singapore Polytechnic, Singapore
Diploma in Mechatronics and Robotics

UQ Bachelor of Engineering (Hons) (Mechanical Engineering)

Credit Granted (#24 Units): ENGG1100, ENGG1300, ENGG1400, MATH1051, MATH1052, MECH2305, MECH2410,
Unspecified Part B1 Introductory Electives (#4)
Unspecified Part B2 Advanced Electives (#6)

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 2, (March) Commencement

<table>
<thead>
<tr>
<th>Semester</th>
<th>Study Plan</th>
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<tbody>
<tr>
<td>July</td>
<td>ENGG1200 Engineering Modelling &amp; Problem Solving</td>
</tr>
<tr>
<td>July</td>
<td>MECH4501 Engineering Thesis</td>
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<tr>
<td>March</td>
<td>METR4201 Introduction to Control Systems</td>
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Total: #40

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## Study Plan: Semester 2, (July) Commencement

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<tr>
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| **July** | **Engineering Modelling & Problem Solving**  
**ENGG1200**  
MECH2700 Engineering Analysis I  
MECH2210 Dynamics & Orbital Mechanics |
| **March** | **Calculus & Linear Algebra II**  
**MATH2000**  
**MECH2300** Structures & Materials  
**MECH3400** Thermodynamics & Heat Transfer |
| **July** | **Machine Element Design**  
**MECH2100**  
**MECH3100** Mechanical Systems Design  
**MECH3210** Fluid Mechanics |
| **March** | **Introduction to Control Systems**  
**METR4201**  
**MATH2010** (#1) Analysis of ODEs; **AND**  
**STAT2201** (#1) Analysis of Engineering & Scientific Data  
**MECH3300** Finite Element Method & Fracture Mechanics |
| **July** | **Engineering Acoustics OR Sensors & Actuators**  
**MECH3250**  
**MECH3310**  
**Part B2 Advanced Elective**  
**Part B2 Advanced Elective** |

Total: #40

Assessed B. Feng, May 2015  
UQ CRICOS Code: 00025B