### UNIT & ASSESSMENT OVERVIEW – SEMESTER 2, 2017

**FACULTY:** SENIOR SCHOOL SCIENCE  
**SUBJECT:** YEAR 11 ENGINEERING TECHNOLOGY  
**SEMESTER:** TWO  
**YEAR:** 2017

<table>
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<tr>
<th>UNIT</th>
<th>ASSESSMENT TASK</th>
<th>DUE DATE</th>
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| MECHANICS  
**Dynamics Systems**  
Chapters 19-21 Engineering Mechanics (Ivanoff)  
Chapters 9-11, 14 (Schlenker) | Project – Mouse Trap Racer |  |
| **Mechanics of Machines**  
Chapter 22 Engineering Mechanics (Ivanoff)  
Chapter 18 (Schlenker) |  |  |
| **Simple machines**  
Chapter 23 Engineering Mechanics (Ivanoff) | Supervised Exam | Block Exams |

**MID-SEMESTER BREAK**

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| MECHANICAL PROPERTIES OF METALS  
Chapter 6 Materials Science and Engineering |  |  |
| POLYMER STRUCTURES  
Chapter 14 Materials Science and Engineering |  |  |
| CHARACTERISTICS, APPLICATIONS AND PROCESSING OF POLYMERS  
Chapter 15 Materials Science and Engineering |  |  |
| CONTROL SYSTEMS  
Introduction to LEGO Mindstorms NXT |  |  |

**ASSESSMENT INFORMATION**  
In cases of student absence on the due date for an assessment task, the college assessment policy will be followed. (see Student Diary for details)