Faculty: Mathematics Course: Mathematics Extension 1 Year: 12

Assessment Task: 2

Assessment Weighting: 40% Due: Term 1 Week 9 Date: 24/03/2020

Task Type: Hand in Task ☐ In Class Task ☒ Practical Task ☐

Outcomes assessed (NESA)
ME12-1 , ME12-2 , ME12-5 , ME12-6 , ME12-7

PLEASE NOTE: further information related to these codes can be found on the NESA website

Task Description/Overview
This in class written test will consist of multiple choice and short answer questions
Time allowed: 90 Minutes plus 10 minutes reading time
Equipment required: Black pen and NESA approved calculator

Detailed Assessment Task Description
Topics to be assessed will be: Proof by Mathematical Induction; Introduction to Vectors including Projectile Motion; and Statistical Analysis. Refer to topic overviews handed out to all students.

Test/Examination Structure

<table>
<thead>
<tr>
<th>Section Description</th>
<th>Marks Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Objective response questions</td>
<td>10</td>
</tr>
<tr>
<td>Short answer questions</td>
<td>45</td>
</tr>
</tbody>
</table>

Total Marks for this task 55

Satisfactory completion of courses
A course has been satisfactorily completed, when the student has:
- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes