



# JOHN EDMONDSON HIGH SCHOOL

## Assessment Notification

Faculty: Industrial Arts Course: Industrial Technology – Engineering Year: 10

Assessment Task: Half Yearly Examination - 2024

Assessment Weighting: 15% Due: Term 2 Week 2 Date: 9/05/2024

Task Type: Hand in Task  In Class Task  Practical Task

<b>Outcomes assessed (NESA)</b>
Understands the properties and structures of materials and their engineering application
Demonstrates ability in the analysis and solution of engineering problems
Evaluates products in terms of functional, economic, aesthetic and environmental qualities
Communicates effectively using a range of graphical and written methods
<b>Task Description/Overview</b>
Half Yearly Examination
<b>Detailed Assessment Task Description</b>
Half Yearly Examination (Completed in class)

<b>Test/Examination Structure</b>	
<b>The exam will test the following:</b> <ul style="list-style-type: none"><li>• Renewable energy (Solar, Wind, Hydroelectric, Geothermal, e.t.c)</li><li>• Non – renewable energy</li><li>• Material Properties</li><li>• Composites</li><li>• Engineering Design Process</li></ul>	
<b>The exam will be composed of:</b> <ul style="list-style-type: none"><li>• 10 MCQs</li><li>• 8 short answer Qs</li></ul>	
<b>Total Marks for this task</b>	<b>50</b>

### 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