



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Industrial Arts Course: Engineering Studies Year: 11

Assessment Task: Yearly Examination

Assessment Weighting: 40% Date: Term 3, 2024 In Exam Weeks 9-10

Task Type: Formal Examination Task

Outcomes assessed (NESA)
<p>P1.1 identifies the scope of engineering and recognises current innovations</p> <p>P1.2 explains the relationship between properties, structure, uses and applications of materials in engineering</p> <p>P2.1 describes the types of materials, components and processes and explains their implications for engineering development</p> <p>P3.1 uses mathematical, scientific and graphical methods to solve problems of engineering practice</p> <p>P3.3 applies graphics as a communication tool</p> <p>P4.1 describes developments in technology and their impact on engineering products</p> <p>P4.3 identifies the social, environmental and cultural implications of technological change in engineering</p>
Detailed Assessment Task Description
<p>Yearly Examination - Modules covered:</p> <ul style="list-style-type: none">• Engineering Fundamentals• Engineering Products• Braking Systems• Biomedical Engineering <p>Aspects examined in each module may include:</p> <ul style="list-style-type: none">- Historical developments- Engineering mechanics- Engineering materials- Electrical/electronics- Communication

Test/Examination Structure	
Section Description	Marks Available
Multiple Choice	20
Short Answer	45
Total Marks for this task	65

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