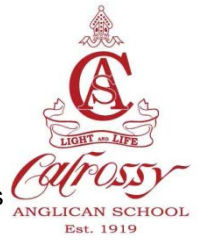




# INDUSTRIAL TECHNOLOGY HSC COURSE

## ASSESSMENT TASK 4



Outcomes To Be Assessed

### A student

- H1.2** identifies appropriate equipment, production and manufacturing techniques and describes impact of new and developing technologies in industry
- H2.1** demonstrates proficiency in the use of safe working practices and workshop equipment maintenance techniques
- H3.1** is skilled in sketching, producing and interpreting drawings
- H4.1** demonstrates competency in practical skills appropriate to the major project
- H4.2** explores the need to outsource appropriate expertise where necessary to complement personal practical skills
- H4.3** critically applies knowledge and skills related to properties and characteristics of materials/components
- H5.1** selects and uses communication and information processing skills
- H6.1** evaluates the characteristics of quality manufactured products
- H6.2** applies the principles of quality and quality control

### Brief for Assessment Task 4

Project and folio for your major Project. You are to submit your completed project and a report that details all aspects of the major project including work diary, costing schedule and justification of selections in materials as well as techniques. An IMovie of your procedures might be advantageous.

Date Due	Week 1 Term 3	<b><u>Friday 21<sup>st</sup> July 2017</u></b>
Marks	100	
Weighting	30%	

This assessment task confirms the viability of chosen construction methods used in the making of the major project as well as your ability to communicate the method and reasons behind the chosen methods of construction.

**In order to understand and successfully complete this assessment task you will need to :**

- Submit your major project completed and finished with appropriate fittings.
- Document each nominated construction technique Give reasons why the chosen technique was used.
- Give possible alternatives to the chosen technique
- Design ideas and justification
- Relate the technique to the finished article (major project)
- Submit a work diary including photos as evidence.
- Time action Plan
- Costing Schedule
- Evidence of WH&S issues
- Working Drawings
- Evaluation of project (in particular each step)
- An IMovie might be advantageous

**Assessment Task 4 Marking Scheme  
Folio and Product**

<b>MARKING GUIDELINES Criteria</b>	<b>Marks</b>
<ul style="list-style-type: none"> <li>• Demonstrates very high quality in all aspects of the major project production</li> <li>• A highly demanding project, with evidence of high quality in the application of a wide range of skills and techniques in the planning and production of the major project</li> <li>• Completed project relates closely to what was intended. Close links between actual construction processes, management and thorough research and planning are evident and clearly articulated               <ul style="list-style-type: none"> <li>• Competently applies and uses a wide range of appropriate materials, components, processes and technologies in the production of the major project</li> <li>• Demonstrates and critically evaluates how solutions to problems in major project production were addressed</li> </ul> </li> </ul>	<b>33–40</b>
<ul style="list-style-type: none"> <li>• Demonstrates high quality in most aspects of the major project production</li> <li>• A project of substantial difficulty, with evidence of high quality in the application of a range of skills and techniques in the planning and production of the major project</li> <li>• Completed project relates to what was intended. Links between actual construction processes, management and thorough research and planning are evident</li> <li>• Competently applies and uses a range of appropriate materials, components, processes and technologies in the production of the major project</li> <li>• Demonstrates and explains how solutions to problems in major project production were addressed</li> </ul> <p>Students may achieve 25–32 marks as indicated above OR by satisfying a combination of the criteria for other mark ranges.</p>	<b>25–32</b>
<ul style="list-style-type: none"> <li>• Demonstrates substantial quality in most aspects of the major project production</li> <li>• A project of moderate difficulty, with evidence of high but inconsistent quality in the application of skills and techniques in the planning and production of the major project</li> <li>• There is some relationship between the completed work and what was intended. Some links between actual construction processes, management and thorough research and planning are evident</li> </ul>	<b>17–24</b>

Criteria	Marks
<p><b>Folio</b></p> <ul style="list-style-type: none"> <li>• Communicates all relevant detail about the nominated construction techniques</li> <li>• Practically demonstrates all relevant detail about the nominated construction techniques</li> <li>• Submits high quality and accurate project diary.</li> <li>• Fully details possible alternative production methods.</li> <li>• The major project exactly reflects the demonstrated production method.</li>   <li>• Submits an accurate and well presented document outlining the above information free from spelling errors.</li> </ul>	<p><b>15-20</b></p>
<p><b>Folio and Product</b></p> <ul style="list-style-type: none"> <li>• Communicates limited relevant information about the nominated construction techniques.</li> <li>• Gives some detail as to possible alternative production methods.</li> <li>• The major project closely reflects the demonstrated production method.</li>   <li>• Submits a document which has mostly correct information and is satisfactorily presented.</li> <li>• Submits incomplete or inaccurate project diary</li> </ul>	<p><b>9 - 15</b></p>
<p><b>Folio and Product</b></p> <ul style="list-style-type: none"> <li>• Communicates orally minimal detail about the nominated construction techniques</li> <li>• Submits incomplete or inaccurate project diary</li> <li>• Gives little detail as to possible alternative production methods.</li>   <li>• The major project shows little or no resemblance to the demonstrated production method.</li> <li>• The report is either incomplete lacking in relevant details or nonexistent. The presentation is poor and contains spelling errors.</li> </ul>	<p><b>1 -8</b></p>