

All Students are asked to sign the teachers copy to verify this notification has been distributed at least two weeks before the task date.

Course Stage 6 Industrial Technology Timber and Furnishings

Task Number 4

Due Date Friday 1st September 2017 (Week 7 B Period 5)

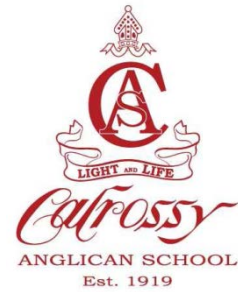
Nature of Task To complete free project.

Outcomes Assessed 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 5.1, 5.2

Weighting 30%

Year 11 Industrial Technology

Assessment task no 4



Rationale

Each student is to design and manufacture an approved project. The purpose of this exercise is four fold:-

1. Demonstrate design, problem solving and manufacturing skills in completing the task.
2. Work effectively by collating the folio and managing the project to completion.
3. Work under heavy time constraints with no extensions possible.
4. To build skills required for your HSC MP.

Your Task

To design, sketch, manufacture and report on a project and in a manner that is aesthetically pleasing. Each student is to manage their project and complete it on time. The school will provide materials (to a value of \$60) however a costing schedule will form part of the folio.

Project components

Following is a list (but not limited to) of project components.

- Design of the Project.
- Drawings of the Project.
- Cutting list of the design.
- Finance plan of the design.
- Manufacture of the Project.
- Use of plastic or metal fittings commercially available.
- Reporting of the project through means of a folio.
- On time completion of the project to an acceptable standard.

Folio components

Each student is to submit a project folio.

Following is a list (but not limited to) of folio components.

- The folio is to be produced using Word processing software.
- Design of the Project origins and development of ideas evidence.
- Drawings of the Project Sketches are acceptable.
- Cutting list of the design in a spreadsheet.
- Finance plan of the design in a computer generated spreadsheet.
- Record of Manufacture of the project.
- Evidence of safe working practices and OH&S issues.
- Time management plan and also an actual time frame in spreadsheet form.
- Project evaluation
- On time completion of the folio to an acceptable standard.

As the folio component of the course is worth one third of the Major Project (MP) it will carry the same weighting.

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Marking Scale Yr 11 Major Project

This marking scale has been adapted from the Industrial Technology Syllabus. The criteria and headings are the same. For a student to achieve maximum marks in each section a high level of competency must be demonstrated diminishing through to the progressing stage where the marks are in the low end.

| Marks | Criteria | Available marks | Description |
|-------|-------------------------|-----------------|--|
| 10 | Design and Management | 1 | <ul style="list-style-type: none"> statement of intent |
| | | 1 | <ul style="list-style-type: none"> research |
| | | 2 | <ul style="list-style-type: none"> development of ideas |
| | | 2 | <ul style="list-style-type: none"> selection and justification of materials, components, processes and other resources |
| | | 1 | <ul style="list-style-type: none"> timeline plan – projected order of production and estimate of time allocation |
| | | 1 | <ul style="list-style-type: none"> finance plan – projected cost of materials and services (if applicable) |
| | | 1 | <ul style="list-style-type: none"> use of appropriate industrial processes and equipment |
| | | 1 | <ul style="list-style-type: none"> evidence of safe working practices and OH&S issues |
| 10 | Workplace communication | 3 | <ul style="list-style-type: none"> Documentation of the project from conception to completion including: |
| | | 2 | <ul style="list-style-type: none"> evidence of ongoing evaluation |
| | | 1 | <ul style="list-style-type: none"> appropriateness of design and/or design modification |
| | | 1 | <ul style="list-style-type: none"> student's evaluation of the major project and its relationship to the statement of intent |
| | | 3 | <ul style="list-style-type: none"> evidence of a range of communication techniques evidence of a range of computer applications, eg word processing, spreadsheets, CAD, multimedia |
| 40 | Production | 15 | <ul style="list-style-type: none"> finished quality of the product |
| | | 8 | <ul style="list-style-type: none"> evidence of a range of skills |
| | | 5 | <ul style="list-style-type: none"> degree of difficulty |
| | | 3 | <ul style="list-style-type: none"> links between planning and production |
| | | 2 | <ul style="list-style-type: none"> evidence of industrial processes |
| | | 2 | <ul style="list-style-type: none"> use of appropriate materials |
| | | 1 | <ul style="list-style-type: none"> use of industrial technologies |
| | | 4 | <ul style="list-style-type: none"> evidence of solutions to problems in production |