Applied Technology Semester Outline

Year 9-10 Semester 2 2013
Teacher Mr Rasmussen

Topics

The year 9-10 Applied Technology elective continues student skill development in engineering, woodwork and/or technical drawing. Students will oversee their own projects and be responsible for the completion of all tasks required. Students will further develop essential literacy and numeracy skills as they progress through the construction of their project. Emphasis is placed on accountability and quality workmanship. All assessment items must be submitted for the student to pass the subject. Students may be asked to resubmit work if their submission does not meet the quality standard. Students will work with appropriate hand tools and power tools to complete their project, with the possibility of working in a team. All major projects completed by the students will remain the property of the school; however students will have the choice to procure their work by contributing to the Wanniassa School Applied Technology area. There is a strong safety component to the course and emphasis is placed on the use, maintenance, and care for hand tools.

Student Equipment Requirements:

- Students are required to bring a Journal book so they may document/reflect on the progress of their project. This will become the foundation of their presentation at the culmination of the course.
- Students will be required to bring their own Pencil so they can mark their timber.
- Students can use their own tools, however this is not a requirement and students do so at their own risk.
- Students may require a quality compass and various other tools to complete the technical drawing/engineering requirements (where applicable).

Learning Outcomes

After studying the work in these topics, you should be able to:

▲ Work productively to achieve quality work
▲ Identify common hand tools, their correct use and storage.
▲ Produce procedural documents detailing aspects of the construction process.
▲ Identify and cost the timber required for your project.
▲ Reflect on your workmanship and infer the implications that modifying your design may have on the final outcome and cost of the project through journal writing.
▲ Work safely and communicate effectively both individually and within a team to achieve quality outcomes.

<table>
<thead>
<tr>
<th>Assessment Item</th>
<th>Weighting</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procedural documents</td>
<td>100%</td>
<td>21st June (week 8)</td>
</tr>
<tr>
<td>Journal document</td>
<td>100%</td>
<td>21st June (week 8)</td>
</tr>
<tr>
<td>Gantt chart</td>
<td>100%</td>
<td>21st June (week 8)</td>
</tr>
<tr>
<td>Timber costing</td>
<td>100%</td>
<td>21st June (week 8)</td>
</tr>
<tr>
<td>Project</td>
<td>100%</td>
<td>21st June (week 8)</td>
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</tbody>
</table>
Grading

Students undertaking this course must be aware that all aspects of the course must be completed to the quality standard. As identified in the unit outline, it is the purpose of the course for students to understand the importance of quality work. Should students submit work that does not meet the outlined standard they will be given feedback and asked to resubmit. It is not important as to when tasks are submitted only that they are submitted to the standard before the report writing process begins. The project will not be considered complete until all aspects of the project are completed. All standards and expectations will be clearly demonstrated and explained throughout the duration of the course. Students who complete all aspects of the project to the standard will receive the “A” grade. Students will have the opportunity to work with peers, classmates or specialist teachers so that they may understand the requirements of quality work.

Late policy

Students will manage their own submission dates; however there are key tasks that must be completed throughout the course of the project. It is expected that all aspects of the project are completed to the quality standard before a grade is assigned.

Homework and Assignments

I have read this unit outline and have noted the requirements for the course.

Student’s Signature: ................................................................. Date: ........................................

Parent/Guardian’s Signature: ......................................................... Date: ........................................