### MOSSMAN STATE HIGH SCHOOL
Semester 1, 2018 – Course Outline ITP101A- Mr SINGH

<table>
<thead>
<tr>
<th>Unit Name</th>
<th>Main Ideas</th>
<th>Duration (weeks)</th>
<th>Assessment Item</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety “Passport”</td>
<td>Introduce concept and process.</td>
<td>1 Lesson</td>
<td>Signed form &amp; ongoing</td>
<td>ASAP during semester</td>
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<tr>
<td>Carcase Construction</td>
<td>Build a wooden Trinket box using a choice of jointing methods. Construction will involve using hand and machine tools</td>
<td>4 weeks</td>
<td>Product, journal and photos</td>
<td>13/02/18</td>
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<tr>
<td>Serving Tray or Tray Table</td>
<td>Marking, measuring, cutting and joining, assembly of materials, framing construction, material properties and finishing</td>
<td>6 weeks</td>
<td>Product, journal and photos</td>
<td>27/03/18</td>
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<tr>
<td>Sheet Metal Fabrication</td>
<td>Measuring, marking out and following plans Cutting, folding, shaping and joining sheet metal to construct a project to meet specific criteria. Sheet metal edge treatment and application of joining methods.</td>
<td>5 Weeks</td>
<td>Practical</td>
<td>15/05/18</td>
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<tr>
<td>Carcase</td>
<td>Measuring, marking, and cutting out following plans. Carcase construction process, application of woodworking joints, fasteners and fittings, cutting and joining materials, woodworking techniques and timber finishes.</td>
<td>5 Weeks</td>
<td>Practical</td>
<td>19/06/18</td>
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#### Literacy Components
- Speaking and Listening:
- Reading & Viewing: Understanding how to read plans. Identifying specific requirements
- Writing & Designing: Accurately copying specific plans and components to allow construction.

#### Numeracy Components
- **Number:** Apply numerical terms and concepts.
- **Algebra:**
- **Measurement:** Calculate measurements for production processes
- **Space:** Apply knowledge of shapes to solve problems.
- **Chance & Data:** Interpret information to complete set tasks.

#### ICT/Technology Components
- Select and use ICTs in the processes of inquiry and research:
- Select and use ICTs to create a range of responses to suit the purpose and audience:
- Select and use ICTs to collaborate and enhance communication for an identified purpose and audience:
- Develop and apply ethical, safe and responsible practices when working with ICTs:
- Use a range of advanced ICT functions and applications: