



## Stage 5 Graphics Technology

### Core modules: Units of work

<b>Unit title</b>	<b>Table and/or chair</b>
<b>Unit indicative time</b>	9 weeks (22.5 hours)
<b>Unit outcomes</b>	5.1.1; 5.2.1; 5.2.2; 5.3.1; 5.3.2; 5.4.1; 5.5.1; 5.5.2; 5.6.1; 5.6.2
<b>Unit context</b>	Students are required to research the work of designers both historical and contemporary and through analysis of their work arrive at a design for a chair and/or table. The final presentation is to include a series of annotated sketches and drawings of the main components and a final assembled drawing presented as a CAD drawing.
<b>Student's prior learning</b>	Students have completed all previous units of work and as this is the final unit most of the required skills have been completed.
<b>Teaching and learning activities</b>	<p>Students will work in groups to research the work of designers, this should include Internet research. They may choose a particular style or a combination of various designers' work to come up with their own design. Students may continue to work in groups throughout this unit however an individual final presentation is required.</p> <p>The final presentation is to include:</p> <ul style="list-style-type: none"><li>• The results of research into the work of designers presented as a <i>Powerpoint</i> or similar presentation. This will be presented to the class.</li><li>• A series of annotated sketches showing the influence of designers and the development of ideas to arrive at a final design of their own.</li><li>• Components for the table/chair drawn using <i>proDesktop</i>.</li><li>• Assembled drawing of table/chair both as a 3D model and a 2D dimensioned drawing.</li><li>• Rendered chair or tabletop to show the effect of different materials, for example, different materials, seat fabrics, table top decoration.</li><li>• Documentation highlighting both the group and individual aspects of the table/chair.</li></ul> <p>Correct work practices and OHS are discussed throughout the unit.</p>
<b>Resources</b>	<ul style="list-style-type: none"><li>• Teacher developed worksheets to support skills required of students to complete the unit of work.</li><li>• Text books.</li><li>• Work completed in previous units.</li><li>• Boards, tee squares and instruments.</li><li>• Access to computers and computer applications including research techniques especially Internet research skills.</li></ul>
<b>Assessment</b>	<ul style="list-style-type: none"><li>• <i>Powerpoint</i> presentation.</li><li>• Documentation.</li><li>• Annotated sketches.</li><li>• Rendered table/chair with range of materials.</li><li>• Dimensioned 2D drawing.</li><li>• The final presentation is of high quality.</li></ul>