

**Varsity College**  
**Year 11 Industrial Graphics Skills 2023**

**Term 1, 2023**

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	<ul style="list-style-type: none"> <li>Introduction to Engineering drafting</li> <li>Orthographic projection</li> </ul>	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> <li>Orthographic projection and 3D sketching</li> </ul>	
3	6-10 February	<ul style="list-style-type: none"> <li>Solid Edge classwork – 3D modelling</li> </ul>	
4	13-17 February	<ul style="list-style-type: none"> <li>Solid Edge classwork – Orthographic Drawings</li> </ul>	
5	20-24 February	<ul style="list-style-type: none"> <li>Solid Edge classwork – Detailed views, sections and surface finishes</li> </ul>	
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> <li>Solid Edge classwork - Assembly drawings</li> </ul>	
7	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Solid Edge classwork – Presentation and rendering</li> </ul>	<b>Classwork Folio</b>
8	13-17 March	<ul style="list-style-type: none"> <li>Introduction to Project – Magnesium wheel</li> </ul>	
9	20-24 March	<ul style="list-style-type: none"> <li>Sketching and measuring existing product</li> </ul>	
10	27-31 March Cross Country - Thurs	<b>Exam Block</b>	
<b>School Holidays: Saturday April 1 – Sunday April 16</b>			

**Term 2, 2023**

Week	Date	Topics	Assessment
1	17-21 April Athletics Carnival - Wednesday	<ul style="list-style-type: none"> <li>3D modelling magnesium wheel</li> </ul>	
2	24-28 April ANZAC Day PH - Tues	<ul style="list-style-type: none"> <li>3D modelling magnesium wheel</li> </ul>	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<ul style="list-style-type: none"> <li>3D modelling magnesium wheel</li> </ul>	
4	8-12 May	<ul style="list-style-type: none"> <li>Magnesium Wheel</li> <li>Orthographic drawings – Detailed views, sections and surface finishes</li> </ul>	
5	15-19 May GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Magnesium Wheel</li> <li>Orthographic drawings - Detailed views, sections and surface finishes</li> </ul>	
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Magnesium Wheel</li> <li>Assembly drawings – Open and in-line for assembly (exploded view), parts lists</li> </ul>	
7	29 May – 2 June	<ul style="list-style-type: none"> <li>Magnesium Wheel</li> <li>Key shot rendering</li> </ul>	
8	5-9 June Exam Block – Tuesday L1,2 GIPSA - Wednesday	<ul style="list-style-type: none"> <li>Finalising magnesium wheel</li> </ul>	
9	12-16 June	<ul style="list-style-type: none"> <li>Magnesium Wheel Presentation</li> </ul>	<b>Project due</b>
10	19-23 June	<b>Exam Block</b>	
<b>School Holidays: Saturday June 24 – Sunday July 9</b>			

### Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 July	<ul style="list-style-type: none"> <li>Introduction to Building and Construction Drafting</li> </ul>	
2	17-21 July	<ul style="list-style-type: none"> <li>ArchiCAD Classwork – Cabin</li> </ul>	
3	24-28 July	<ul style="list-style-type: none"> <li>ArchiCAD Classwork – Cabin</li> <li>Floor plan, sections, elevation, renders</li> </ul>	
4	31 July – 4 August	<ul style="list-style-type: none"> <li>ArchiCAD Classwork – Cabin</li> <li>Floor plan, sections, elevation, renders. Presentation</li> </ul>	<b>Practical demonstration due</b>
5	7-11 August	<ul style="list-style-type: none"> <li>Introduction to display home project – Display home</li> <li>Research task</li> </ul>	
6	14-18 August	<ul style="list-style-type: none"> <li>Display home. 3D modelling</li> </ul>	
7	21-25 August	<ul style="list-style-type: none"> <li>Display home. 3D modelling</li> </ul>	
8	28 August – 1 Sept.	<ul style="list-style-type: none"> <li>Display home</li> <li>Floor plans, elevations, sections and renders</li> </ul>	
9	4-8 September	<ul style="list-style-type: none"> <li>Display home</li> <li>Presentation and rendering</li> <li>Vr technology</li> </ul>	<b>Project due</b>
10	11-15 September	<b>Exam Block</b>	
<b>School Holidays: Saturday September 16 – Monday October 2</b>			

### Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October King's Birthday PH - Mon	<ul style="list-style-type: none"> <li>Introduce Engineering drafting unit – Briggs and Stratton Engine</li> </ul>	
2	9-13 October	<ul style="list-style-type: none"> <li>Air intake – Briggs and Stratton</li> <li>3D modelling</li> </ul>	
3	16-20 October	<ul style="list-style-type: none"> <li>Air intake – Briggs and Stratton</li> <li>3D modelling</li> </ul>	
4	23-27 October	<ul style="list-style-type: none"> <li>Air intake – Briggs and Stratton</li> <li>Orthographic drawings – Sections, surface finishes, tolerances, detailed views</li> </ul>	
5	30 Oct – 3 Nov	<ul style="list-style-type: none"> <li>Air intake – Briggs and Stratton</li> <li>Orthographic drawings – Sections, surface finishes, tolerances, detailed views</li> </ul>	
6	6-10 November	<ul style="list-style-type: none"> <li>Air intake – Briggs and Stratton</li> <li>3D print design</li> </ul>	
7	13-17 November	<ul style="list-style-type: none"> <li>Air intake – Briggs and Stratton</li> <li>Presentation</li> </ul>	<b>Project due</b>
8	20-24 November	<b>Exam Block</b>	
<b>School Holidays: Saturday November 25 – Sunday January 21, 2024</b>			