

## HIGHER GRAPHIC COMMUNICATION - COURSE TIMELINE

TOPIC/SKILLS/HW	JUNE	AUG	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL		
<b>CAD INTRODUCTION</b>	<b>3D CAD</b>		3D MODELLING TECHNIQUES: Sweep p89. Loft p91. Extrude p95. Revolve p97. Helix p93. PRODUCTION GRAPHICS: Produce an Orthographic production drawing for one of the CAD tasks. Dimension the component and project a section. PROMOTIONAL GRAPHICS: Render one of the CAD models. Display on a surface with an effective light source applied.									
SKILLS/THEORY	CAD modelling techniques inc' Extrude, Revolve, Ext' along a path (sweep), Loft, Array, Shell etc Pages 83-104											
HOMEWORK	Modelling plan - P 97, Sketching - via the modelling plan. CAD Questions Pages 91 & 99.											
<b>EARBUD WINDER PROJECT</b>	<b>TANGENCY SKILLS &amp; EAR-BUD WINDER PROJECT</b>			Tangency skills p29-31, Go2 Logo p171 & 174, Earbud project pages170 - 180.								
SKILLS/THEORY	Tangency, 2D & 3D CAD, PROD DRGS, Tolerances, DTP, Es & Ps. Alignment, Balance, Colour, Depth, Line, Rhythm, Texture pages.											
HOMEWORK	Tolerancing wksht 7 - P179. + P26 - 28. Alignment p154, Balance p155, Colour p 156, Depth p159, Line p161, Rhythm p164 Texture p166.											
<b>DRAWING STANDARDS</b>			<b>BICYCLE BELL</b>	Drawing standards pages 5 - 25								
SKILLS/THEORY	British drawing standards, Assemblies and Sections, Exploded views, Visualisation.			Worksheets: Bicycle bell- 1(a, b or c), 2b, 4(a or b), 6(a or b).								
HOMEWORK	Drawing Standards pages 24 & 25 (wkshts 3a & 5).											
<b>INTERSECTION/SKETCHING &amp; RENDERING</b>				<b>RUCKSACKS + TORCH SKETCHING &amp; RENDERING</b>	Tube sack & Prisma Sack Pages 32 - 41 . Sketching & Rendering Pages 64-75.							
SKILLS/THEORY	Intersections, True shapes, Surface developments, Orthographic projection. Sketching & Rendering (64-75).				Worksheets: Intersections 1, Intersections 2.							
HOMEWORK	CAD Task page 38. Sketching tasks pages 64-69.											
<b>MINI ASSIGNMENT</b>				<b>MINI-ASSIGNMENT</b>	Pre-assignment task on 5 sheets. pages 181 -193.							
SKILLS/THEORY	Planometric drawing (46-51). Auxiliary views (52-56) .				Planometric and Auxiliary wkshts,							
HOMEWORK	Construction drg, 57-63. Complete all H/Wks.											
<b>ASSIGNMENT</b>	<b>RESEARCH, IDEAS, BLOCK MODEL, COMPONENTS, TECH' DETAIL, MODELLING PLAN.</b>					<b>PRELIMINARY GRAPHICS</b>	<b>HGC Course book pages 195 - 209</b>					
SKILLS/THEORY						Isometric drawing (42-45).					Isometric drg wksht	
HOMEWORK	Revision for prelim - Drawing standards (5-28) Es & Ps (152-167) DTPfeatures (117 - 149).											
<b>ASSIGNMENT</b>	<b>Component drawings, Assy drawings, Exploded views, Sections &amp; Enlarged views.</b>						<b>CAD MODELLING &amp; PRODUCTION DRAWINGS</b>	<b>HGC Course book pages 210 - 215</b>				
SKILLS/THEORY	Revision for prelim/final exam - Graphics in society (76-82) 3D CAD techniques (83-116).											
HOMEWORK									Graphics in society pages 80 & 82.	HGC Course Book		
<b>ASSIGNMENT</b>	<b>Thumbnail layouts, Promotional layouts, Setting up the scene, Create the scene, Render &amp; Add Decals.</b>								<b>PROMOTIONAL &amp; SCENE</b>	<b>HGC Course book pages 216 - 223</b>		
SKILLS/THEORY	Preparation for final exam - Drawing Standards, Es & Ps, DTP features, Graphics in soc', 3D CAD techniques, Construction drg.											
HOMEWORK	Revise all topics and complete remaining questions in the HGC course book + Past papers.											