

HIGHER GRAPHIC COMMUNICATION COURSE TIMELINE																																							
TOPIC	JUNE			AUG		SEPTEMBER				OCTOBER			NOVEMBER			DECEMBER			JANUARY			FEBRUARY			MARCH			APRIL											
CAD INTRODUCTION	3D CAD					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. Questions Pages 91 & 99.																																	
TANGENCY SKILLS		TANGENCY SKILLS & EAR-BUD WINDER PROJECT										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, Line & Rhythm pages.																																						
HOMEWORK	Tolerancing worksheet - P179. + P26 - 28. Alignment p154, Line p161, Rhythm p164.																																						
DRAWING STANDARDS								BICYCLE BELL			Bicycle bell WK/SHTS - 1a, 1b or 1c, 2b, 2c, 3b. 4, 5b.																												
SKILLS/THEORY	British drawing standards, Assemblies and Sections, Exploded views, Visualisation.																																						
HOMEWORK	Drawing Standards pages 24 & 25.																																						
INTERSECTION/SKETCHING & RENDERING										RUCKSACKS + TORCH			TUBE SACK & PRISMA SACK Wk/Shts Pages 32 - 41. SKETCHIN & RENDERING Pages (64-75).																										
SKILLS/THEORY	Intersections, True shapes, Surface developments, Orthographic projection. Sketching & Rendering (64-75).																																						
HOMEWORK	CAD Task page 38. Sketching tasks pages 64-69.																																						
MINI ASSIGNMENT													MINI-ASSIGNMENT				PRE-ASSIGNMENT TASK ON 5 SHEETS pages 181 -193.																						
SKILLS/THEORY	Planometric (46-51). Auxiliary views (52-56) .												Planometric and Auxiliary wkshts,																										
HOMEWORK	Construction drg, 57-63. Complete all H/Wks.																																						
ASSIGNMENT	RESEARCH, IDEAS, BLOCK MODEL, COMPONENTS, TECH' DETAIL, MODELLING PLAN.														PRELIMINARY GRAPHICS				TEXT BOOK EXEMPLAR pages 195 - 209																				
SKILLS/THEORY	Isometric drg (42-45) .												Isometric drg wksht																										
HOMEWORK									Revision for prelim - Drawing standards (5-28) Es & Ps (152-167) DTPfeatures (117 - 149).										HGC Text book																				
ASSIGNMENT								COMPONENT DRGS, ASSY DRGS, EXPLODED, SECTION & ENLARGED VIEWS.										CAD MODELLING & PRODUCTION DRAWINGS				TEXT BOOK EXEMPLAR pages 210 - 215																	
SKILLS/THEORY	Revision for prelim - Graphics in society (76-82) 3D CAD techniques (83-116).												H/W Q' BOOKLET.																										
HOMEWORK	Graphics in society pages 80 & 82.																																						
ASSIGNMENT											INC' THUMBNAILS, SETTING UP THE SCENE, CREATE THE SCENE, DECALS etc.										PROMOTIONAL & SCENE				TEXT BOOK pages 216 - 223														
SKILLS/THEORY	PREPARATION FOR FINAL EXAM - Drawing Standards, Es & Ps, DTP features, Graphics in soc’, 3D CAD techniques, Construction drg.												HGC Course Book																										
HOMEWORK											Revise all topics and complete remaining questions in the HGC course book + Past papers.										HGC Course Book																		