



Year 11 Industrial Graphics - Semester Overview

TERM 1				
Resources required: Laptop/iPad, Pen (stationary as required), Notebook or printed booklet, Textbook, Access to Internet, AutoCAD Suite				
Additional Resources: Eg: Safety boots, Safety glasses,				
Week	Topics/ Content Description	Sections/pages Booklet or resource provided	Tasks	Assessment Details
1	Extended Vacation			
2	Learning@Home Key Drawing Types – Research	Frayer Templates on Intranet	Research task Complete a Frayer x 3	N/A
3	Sketching Fundamentals	Paper/pencils/worksheets	Produce drawings to form a body of work to use as resources	Formative Task
4	Sketching Fundamentals	Paper/pencils/worksheets	Produce drawings to form a body of work to use as resources	Formative Task
5	Introduction to Inventor	Email or OneNote Drawings	Working through Drawings	Introductory exercise
6	Inventor – Parts Drawings	Email or OneNote Drawings	Working through Drawings	Parts Drawing
7	Inventor – Parts Drawings	Email or OneNote Drawings Begin powerpoint compilation	Working through Drawings	Multiple Parts Drawing classwork marked and feedback given to students
8	Inventor – Assembly Drawings	Email or OneNote Drawings Continue powerpoint compilation	Working through Drawings	Assembly Drawing
9	Exam - combination response (1 lesson) Orthographic & Isometric Views	Exam paper Email or OneNote Drawings Continue powerpoint compilation	Complete Exam Working through Drawings	Exam Response 70 minutes + 5 mins perusal Initial orthographic / isometric classwork marked and feedback given to students.
10	Pictorial, Assembly & Material List (Furnishing)	Email or OneNote Drawings Continue powerpoint compilation	Working through Drawings	



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TERM 2:

Resources required:

Laptop/iPad, Pen (stationary as required), Notebook or printed booklet, Textbook, Access to Internet, AutoCAD Suite

Additional Resources:

Eg: Safety boots, Safety glasses,

Week	Topics/ Content Description	Sections/pages Booklet or resource provided	Tasks	Assessment Details
1	Centre line, Layer & Offset	Email or OneNote Drawings	Working through Drawings	IGSK 06 Road Layout
2	Orthographic & Isometric Views	Email or OneNote Drawings	Working through Drawings	IGSK 07 Saw Horse Small
3	Pictorial, Assembly & Material List (Furnishing)	Email or OneNote Drawings	Working through Drawings	IGSK 08 Foot Stool
4	Pictorial, Assembly & Material List (Complex)	Email or OneNote Drawings	Working through Drawings	IGSK 10 Racing Car
5	Pictorial, Assembly & Material List (Engineering)	Email or OneNote Drawings	Working through Drawings	IGSK 11 Jet Fighter
6	Multimodal Presentation	Email or OneNote Drawings	Completed Drawings	Unit 1 Practical Demonstration Due
7	Introduction to Inventor	Email or OneNote Drawings	Working through Drawings	Introductory exercise
8	Inventor – Parts Drawings	Email or OneNote Drawings	Working through Drawings	Parts Drawing
9	Inventor – Parts Drawings	Email or OneNote Drawings	Working through Drawings	Multiple Parts Drawing
10	Inventor – Assembly Drawings	Email or OneNote Drawings	Working through Drawings	Assembly Drawing