

Subject: Product Design

Date	Exams/ Assess	Unit(s)
1/9/25		- Performance characteristics of Papers and boards - Design for manufacture and project management - Planning for accuracy and efficiency - Quality assurance - Quality control - Paper and board forming processes - Paper and board printing processes - Paper and board The use of finishes - Digital design and manufacture - AO1 (30 marks) Identify, investigate & outline design possibilities – Section B - Producing a design brief and specification
8/9/25		
15/9/25		
22/9/25		
29/9/25		
6/10/25		
13/10/25		
20/10/25		
3/11/25		- The use of computer systems - Safety in products and services to the customer - Protecting designs and intellectual property - National and international standards in product design - Design for manufacturing, maintenance, repair and disposal - Ease of manufacture - NEA - A02 (50 marks) Design & make prototypes that are fit for purpose - Section C - Development of design proposal(s) - Section D - Development of design prototype(s)
10/11/25		
17/11/25		
24/11/25		
1/12/25		
8/12/25		
15/12/25		
5/1/26		- health and safety procedures related to products and manufacturing, including: - How technology and cultural changes can impact on the work of designers. - Major Developments in technology - Advancements in CAD/CAM. - Feasibility studies - Collaborative working of designers in the development of new and innovative products - NEA - A02 (50 marks) Design & make prototypes that are fit for purpose - Section D - Development of design prototype(s)
12/1/26		
19/1/26		
26/1/26		
2/2/26		
9/2/26		
23/2/26		- Designers and their work - Social, moral and ethical issues - Product life cycle - NEA A03 (20 marks) Analyse & evaluate - Section E Analysing and evaluating
2/3/26		
9/3/26		
16/3/26		
23/3/26		
30/3/26		
20/4/26		- Metal, Polymer and Timber: - Characteristics - Properties - Enhancement - Processes - Joining methods
27/4/26		
4/5/26		
11/5/26		Start of exams
18/5/26		
1/6/26		
8/6/26		
15/6/26		
22/6/26		
29/6/26		
6/7/26		
13/7/26		