Design & Technology Curriculum Roadmap

Product Design A Level

HOLCOMBE GRAMMAR DESIGN + TECHNOLOGY

High Level Apprenticeships

University and Beyond...

NEA 50%
EXAM 50%

Final Exam
50%+ For C Grade
Testing All PD Knowledge
3 Hours Long
50% Of Final Grade
15% Mathematics
30% Extended Writing

NEA Deadline
Client Port Folio Completed
Revision Based Recall
Final Adjustments
50% Of Final Grade
Practical Work Completed
Sketchbook Completed

Final Prototyping
High Standard of Finish
Production Methodology
Time Management
Highly Skilled, Academic
Practical Work
GANTT Production Plan

Design Iteration
Collaborative Designing
Industrial Manufacturing
Intellectual Property Rights
Design Communication
3D Modelling
Product Prototyping

User Centred Design
Product Life Cycle
Life Cycle Analysis
Questionnaires
Design Skills
Model Making
Rapid Prototyping

Exam Revision/Technique
Designing & Innovation
Materials & Components
Public Interaction
Industrial & Commercial Practice
Product Analysis Systems
Human Responsibility

Testing and Evaluating
Customer Feedback
Client Interviews
Product Testing
Evaluation Against Specification
Product Improvements
Feasibility Testing

Technical Specifications
Material Testing
Finishes Testing
Client Proposal
Detailed Designing
Product Specification
Existing Components

Product Feasibility
Product Testing
Primary Research
Customer Feedback
Design Redevelopment
Product Analysis

Research
Designer Research
Problem Identification
Rapid Sketching Skills
Solidworks Modelling
Materials Theory
Mathematics in PD

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