

DESIGN & TECHNOLOGY: PRODUCT DESIGN

A Level Course

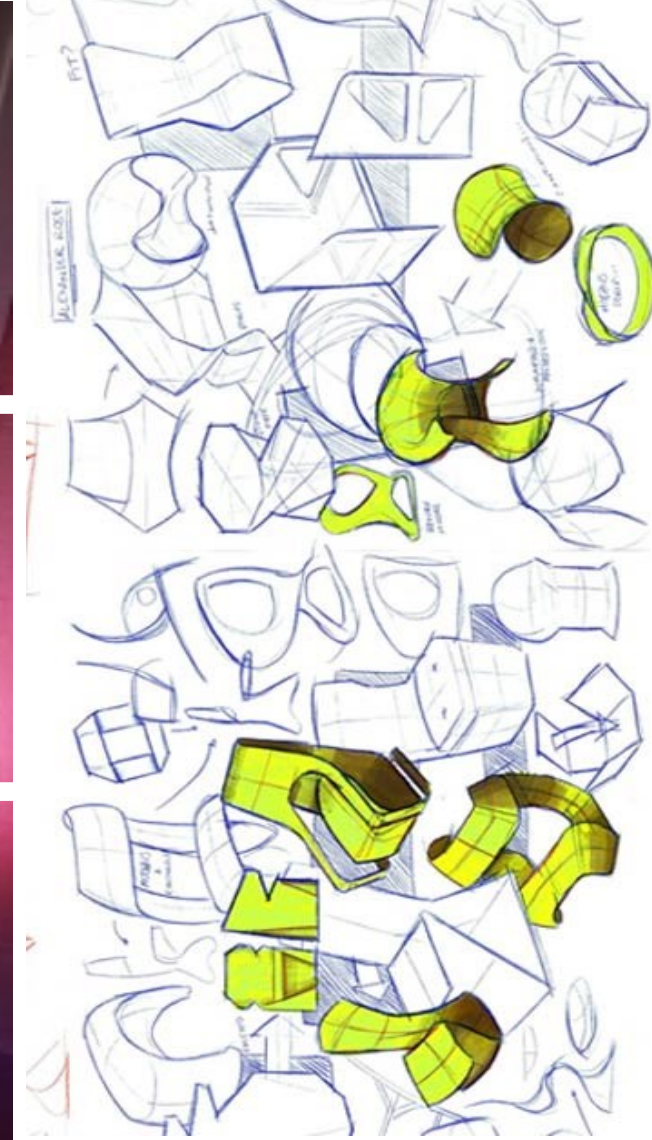
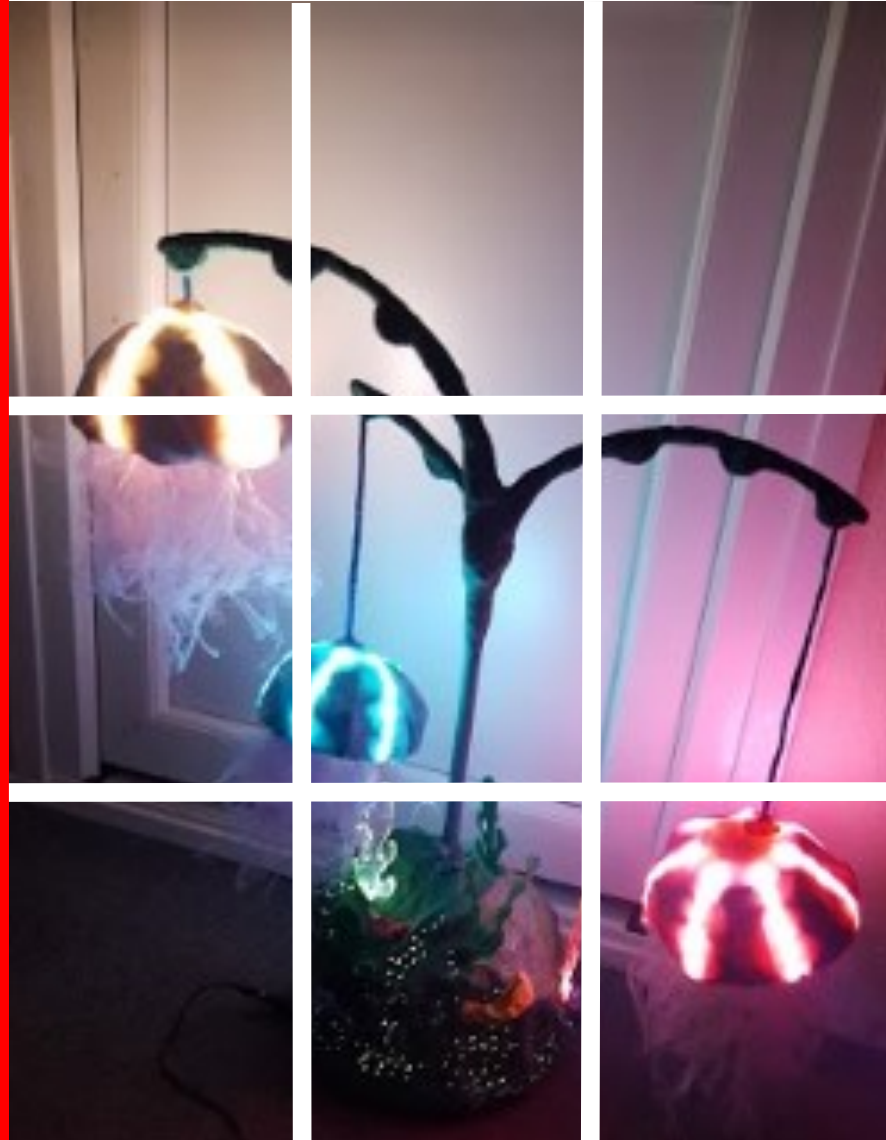
Description

Although we frequently think that political leaders have shaped the world we live in, when you take a moment to think about it, you realize that the world we live in today has actually been shaped by designers. From the everyday products that we use, through to the transport systems, designers have been central to its development. Although engineers can make things work, designers have the vision. Designers strive to improve the relationship between people and product. Its all very well making something that works, but what if the consumers can't understand it? Among the many benefits, this new specification is designed to encourage candidates to:

- develop a broad view of design and technology
- develop their capacity to design and make products
- appreciate the complex relations between design, materials, manufacture and marketing.

Entry Requirements

GCSE Average: 4.8. GCSE, grade 5 in English, grade 5 in maths, grade 5 in design related subject.



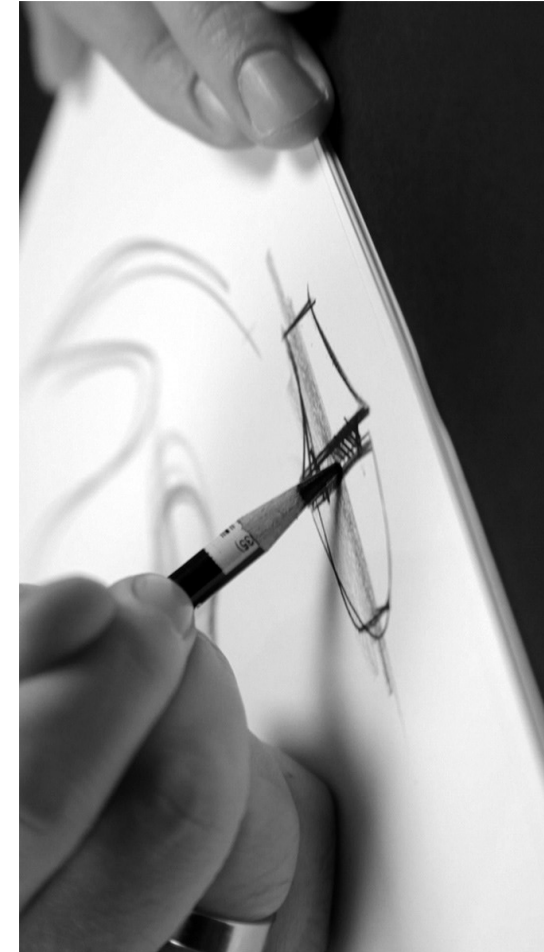
Progression

Product Design is a relationship between the way we use every day components to enhance the quality of our lives and the function of beautifully designed components. Therefore, engineers are always testing and developing new ideas to make it more efficient. Product Design leads into all facets of Architecture, Town Planning, Interior designing, all facets of Engineering and Construction. In all fields of study, the ability to think outside the box to solve problems is essential. If you feel you want to challenge yourself to learn about new materials and innovative technologies, then Product Design is for you!



Course Details

What's assessed	How it's assessed	Questions
Technical principles	Written exam: 2 hours and 30 minutes 120 marks 30% of A-level	Mixture of short answer and extended response.
Designing and making principles	Written exam: 1 hour and 30 minutes 80 marks 20% of A-level	Mixture of short answer and extended response questions. Section A: Product Analysis: 30 marks Up to 6 short answer questions based on visual stimulus of product(s). Section B: Commercial manufacture: 50 marks Mixture of short and extended response questions
Practical application of technical principles, designing and making principles.	Substantial design and make project 100 marks 50% of A-level	Written or digital design portfolio and photographic evidence of final prototype.



“Product Design builds your creativity and improves your problem solving skills.”

PRODUCT DESIGN



Further Information

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Examination board: AQA

www.aqa.org.uk