

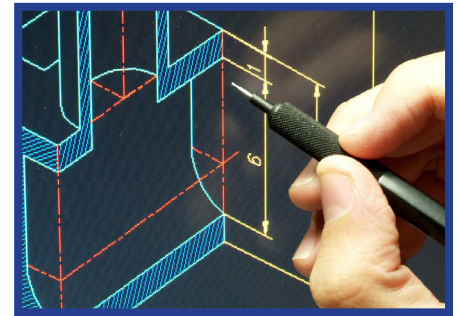
Product Design A-level OCR Exam Board



Why Study Product Design?

The A-level course will strengthen your critical thinking and problem solving skills within a creative environment, enabling you to develop and make prototypes that solve real world problems, considering your own and others' needs, wants, aspirations and values:

- You will develop intellectual curiosity of the design and manufacture of products and systems, and their impact on daily life and the wider world, making you a more discriminating purchaser.
- It will help you to be creative in your approach to work and develop your sketching ability and use of digital technologies in designing and creating quality products.
- You will learn about a range of materials and, components and manufacturing methods to help create functional products.
- You will learn to work collaboratively to develop and refine your ideas, responding to feedback from users, peers and expert practitioners.
- You will gain an insight into the creative, engineering and/or manufacturing industries and learn about the iterative design practices and strategies they use.
- You will learn about important issues that effect design in the wider world such as sustainability, globalisation and inclusive design; in order to become an empathetic and successful designer who can consider wider social implications of products.



Assessment Structure

- 1. Principles**
1 hour 30 mins written exam 26.7%
This is a single externally assessed examination component with questions covering both 'core' and 'in-depth' content.
- 2. Problem Solving**
1 hour 45 mins written exam 23.3%
This is a single externally assessed examination component with questions covering both 'core' and 'in-depth' content.
- 3. Non Exam Assessment**
The 'Iterative Design Project' is a single task component, worth 50% of the qualification, giving learners the opportunity to demonstrate their knowledge, understanding and skills over time in order to realise a valid outcome that reflects realworld design considerations. The component is internally assessed and externally moderated

Possible Career Pathways:

- Research and Development
- Project Management
- Science and Engineering
- Advertising Director
- Graphic Designer
- Materials Engineer
- Product Manager
- Production Designer, theatre/ television/film
- Purchasing Manager
- Architecture

Advised Entry Requirements:

There are no specific entry requirements. Please see Mrs Lesova for further information

Specification Link

<https://www.ocr.org.uk/qualifications/as-a-level-gce/design-and-technology-product-design-h053-h453/>