

AS/A Level Design and Technology Product Design



Awarding Body: Edexcel

Who is the course for?

You will enjoy Product Design if you have an interest in design or product design and enjoy problem-solving through creativity. In Product Design you will use various methods to create and develop visual representations of ideas. Product Design is a creative process, if you enjoy studying creative subjects that are relevant to your own life and experiences and enjoy undertaking practical work as well as work in the classroom; this is a good choice of subject for you.

What can it lead to?

Product Design can be a good foundation for further study in engineering, architecture or manufacturing and studying Product Design can lead to a wide variety of exciting careers. Opportunities include logo designers, flash designers, illustrators, photographers, web designers and associated fields e.g. Creative arts, games design, product development and teaching.

What are the entry requirements?

6 9-5 grades at GCSE including Math's and English.

What will I Study?

The specification is designed to engage students and renew or refresh their interest in the subject of Product Design, which offers so much to an understanding of design and development of creative skills. Topics include 'Technology in practice' which looks at developing technical and practical skills through a series of product design, design and manufacturing activities, leading to varied focused topics i.e. Conceptual Design, product/package design and The Built Environment, architecture/interior design .

The course offers a balance between technical skills, research skills, 2 and 3D drawing skills and CAD manufacturing all these elements are key features of both AS and A2.

How will I be taught?

Through lectures, discussion and practical activity including modelling product design ideas and manufacturing.

How will I be assessed?

50% coursework 50%Exam

AS Edexcel 8DTO

Component 1:Principals of Design and Technology Exam paper

2 hr Public Exam in May/June

50% of the qualification

Component 2

Independent Design and Make Project /NEA

Internally assessed Non-Examined practical and folder 50%

A LEVEL Edexcel 9DTO

Component 1:Principals of Design and Technology Exam paper

2 ½ hr Public Exam in May/June

50% of the qualification

Component 2

Independent Design and Make Project /NEA

Internally assessed Non-Examined practical and folder 50%

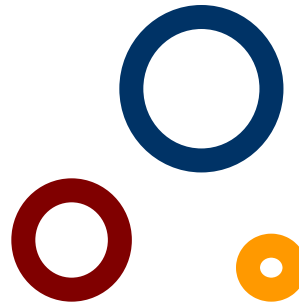
What equipment or materials will I need?

You will be expected to contribute financially to your end product. It will be necessary to purchase textbooks for both years (Approximately £20 per book)

Course Offer Conditions

Rooks Heath Collegiate expects to run courses that are offered. However, courses that do not recruit to a satisfactory level may be offered at another centre or withdrawn.

**AS/A Level
Design and Technology
Fashion and Textiles**



Awarding Body: AQA

Who is the course for?

You will enjoy Fashion and Textiles if you have an interest in design or product design and enjoy problem-solving through creativity. In Fashion and Textiles you will use various methods to create and develop visual representations of ideas. Fashion and Textiles is a creative process, if you enjoy studying creative subjects that are relevant to your own life and experiences and enjoy undertaking practical work as well as work in the classroom; this is a good choice of subject for you.

What can it lead to?

Fashion and Textiles can be a good foundation for further study in Fashion Design, pattern cutting or manufacturing and studying Fashion and Textiles can lead to a wide variety of exciting careers. Opportunities include womenswear designer, menswear designer, pattern cutting, footwear design, and associated fields e.g. Creative arts, costume design for theatre product development and teaching.

What are the entry requirements?

6 9-5 grades at GCSE including Math's and English.

What will I Study?

The specification is designed to engage students and renew or refresh their interest in the subject of Fashion and Textiles, which offers so much to an understanding of design and development of creative skills. Topics include 'Materials and their application' which looks at the properties of Materials and their application and uses. Students will develop their technical and practical skills through a series of product design, design and manufacturing activities, leading to varied focused topics i.e. Conceptual Design, ecological design and enterprise and marketing in the development of products, Design Theory, The course offers a balance between technical skills, research skills, 2 and 3D drawing skills and CAD manufacturing all these elements are key features of both AS and A2.

How will I be taught?

Through lectures, discussion and practical activity including modelling Fashion and Textiles design ideas and manufacturing.

How will I be assessed?

50% coursework 50%Exam

AS AQA 7561

Component 1: Technical Principles, and Designing and Making principles Exam paper

1 ½ hr Public Exam in May/June
50% of the AS qualification

Component 2:Practical application of Technical Principles and designing and making principles Internally assessed Non-Examined practical and folder 50%

A LEVEL AQA 7562

Component 1:Technical Principles Exam papers

2 ½ hr Public Exam in May/June
30% of the qualification
and

Component 1 :Designing and Making principles Exam paper

1 1/2hr Public Exam in May/June
20% of the qualification

Component 2:Core Technical Principles, core Designing and Making principles and additional specialist knowledge

Internally assessed Non-Examined Assessment practical and folder 50%

What equipment or materials will I need?

You will be expected to contribute financially to your end product.

It will be necessary to purchase textbooks for both years (Approximately £20 per book)

Course Offer Conditions

Rooks Heath expects to run courses that are offered. However, courses that do not recruit to a satisfactory level may be offered at another centre or withdrawn.