

Higher Design and Manufacture (Course Code: C819 76)

SCQF Level 6 (24 Credit Points)

Why study Design and Manufacture?

Higher Design and Manufacture is perfect if you're into creativity and want to explore how products are designed and made. It's an exciting mix of design and technology, where you get to bring your ideas to life through hands-on work and problem-solving.

You'll learn how to design and communicate your ideas clearly, as well as how to test and refine them until they're just right. The course shows you how designing, making, and testing all come together, so you'll get a real feel for the whole process of turning an idea into a finished product.

The skills you pick up in this course are super useful in loads of careers, including in creative fields like art and design, as well as in engineering, IT, and even science and maths. Whether you're thinking about working in design, manufacturing, or engineering, this course gives you the tools to get started and stand out in the world of product development.

What do I need to get in?

The school or college will decide on the entry requirements for the course. You would normally have achieved:

- **National 5 Design and Manufacture**

What will I study?

The course consists of **two** areas of study.

Design

For the design part, you'll explore the whole process, from the initial brief all the way to a finished design proposal. You'll develop skills in coming up with, communicating, and refining your ideas. You'll get hands-on with testing your designs, using materials, and applying knowledge of how things are made to come up with the best solutions. You'll also learn about the factors that influence the design, marketing, and use of real commercial products.

Manufacture

In the manufacture section, you'll study how products are made, including the materials and production methods used. You'll build your understanding of how these affect the design process and learn how to create a practical plan to produce a commercial product.

Your assessment will focus on how well you understand the design process, how effectively you can communicate and refine your ideas, and how much you know about turning those ideas into real-world products.

How will I be assessed?

In Higher Design and Manufacture, you'll be assessed in two parts, with a total of 170 marks:

Component 1: Question Paper – 80 marks

This is a written exam that tests your understanding of the design and manufacturing process, including all the theories and concepts you've learned in the course.

Component 2: Assignment – 90 marks

For the assignment, you'll get the chance to show off your design skills by working on a project based on a set brief. You'll develop a design proposal, applying everything you've learned throughout the course.

Both the question paper and the assignment are set and marked by the Scottish Qualifications Authority (SQA). Your final grade will be based on your total score across both components, and the course is graded from A to D depending on how well you do.

Study Materials

- [SQA Past Papers Design and Manufacture Higher](#)
- [SQA Specimen Paper Design and Manufacture Higher](#)
- [SQA Understanding Standards Design and Manufacture](#)
- [BBC Bitesize Design and Manufacture Higher](#)