

## Engineering: Design and Manufacture

SCQF Level 10

### Why Study a Graduate Apprenticeship?

Studying for a graduate apprenticeship not only means that you will gain a degree but get paid a wage while learning the skills, knowledge and understanding that industry expects from a graduate.

Because graduate apprenticeships are full time employees, you will spend about 80% of your time based at the work place and 20% on study. There are flexible entry and exit points from Higher National Diploma at SCQF Level 8 to a Master's Degree at SCQF Level 11.

### Who Can Apply?

Graduate Apprenticeships are for those over the age of 16 who are:

- school leavers with Highers or Advanced Highers, or
- adults with relevant qualifications or experience, and
- resident in Scotland at the start of the Apprenticeship.

There is no age limit for applicants. Some vacancies may require applicants to be age 18 or over, due to health and safety requirements.

If you already have a degree you can still apply for a GA. The condition is that it cannot be in the same subject area and level. Therefore, for example, you can do the same subject at a higher or lower level, or do the same level but in a different subject area.

### Entry Requirements

These will vary by course and institution. Vacancy advertisements provide specific information on the qualifications required by the delivery institution for each GA.

Typically you would need either:

- 4 Highers including Maths and a science or technological subject plus English at National 5 (if not held at Higher)
- A Modern Apprenticeship, HNC or HND in a relevant subject.

Check individual institution websites for specific entry requirements.

### Course Content

There are four key content areas which make up the Engineering: Design and Manufacture Graduate Apprenticeship:

- Engineering principles/enabling technologies (60-65%)
- Business management (10-15%)

- Personal and interpersonal effectiveness skills (10-15%)
- Project management (10-15%).

## Qualifications Gained

Graduate Apprenticeship in BEng (Hons) Engineering: Design and Manufacture (SCQF Level 10)

## Duration

4 years

## What can I go on to next?

You could work in:

- Engineering design
- Manufacturing engineering
- Engineering consultancy
- Engineering operations management
- Engineering project management.

This qualification can also help you achieve Incorporated Engineer (IEng) recognition and you'll be on course to demonstrate the requirements for Chartered Engineer (CEng) recognition.

## How to Apply

You should apply directly to the employer who is advertising the vacancy. Vacancies are advertised on [www.apprenticeships.scot](http://www.apprenticeships.scot).

## Related Career Areas

- Construction
- Engineering

## Offered By

- Edinburgh Napier University
- Glasgow Caledonian University
- Heriot-Watt University
- Robert Gordon University
- University of Dundee
- University of Strathclyde
- University of the West of Scotland