

Engineering

Design and build your career



Introduction

The Guernsey Apprenticeship offers you the opportunity to earn a salary and gain a nationally recognised technical, professional or vocational qualification in a job you love. You will need to have secured employment before applying or look at the 'Apprenticeship Vacancies' on our website.

These courses are available to employees currently working as engineer operatives, technicians, fabricators and welders within the engineering industry. They have a very 'practical' element to them, underpinned by theory sessions and will provide you with the skills and confidence required for a career in a wide range of industries, both in Guernsey and the UK.

Qualifications

There are two qualification options attached to the Engineering apprenticeship, these are:

- Level 3 Diploma in Engineering - Welding
- or
- Level 3 Diploma in Engineering - Mechanical Manufacturing
 - Certificate of Apprenticeship

Course duration/location

The recommended time for completion of this course is three years. You will attend College at Coutanchez Campus for one day a week for off-the-job training.

Course breakdown

Level 3 Diploma in Engineering

Core units:

- Engineering health and safety.

The requirements that are essential to enable engineering activities to be carried out safely and effectively. It includes dealing with statutory and organisational requirements in accordance with approved regulations, codes of practice and procedures. It covers responsibilities relating to accident reporting and the identification of hazards and risks.

- Engineering principles

Engineering principles that enhance the performance of engineering operations. This includes the extraction, interpretation and use of a range of technical information sources. It includes the use of basic calculations and engineering science that enables you to better understand the behaviour and properties of engineering materials in order that appropriate materials may be selected to satisfy specifications. The identification and application of quality control measures that are relevant to engineering activities are also covered.

Mechanical Manufacturing

Engineering course route. Additional units:

- Principles of mechanical manufacturing engineering
- Machining materials by turning
- Machining materials by milling
- Detailed fitting of materials

You will then have the opportunity to 'top-up' your apprenticeship with an additional qualification or additional units for which a course fee may apply.

Additional qualification:

- Welding

Additional units:

- CNC machining of materials
- Produce drawings using CAD

Welding course route

Additional units:

- Principles of welding
- Manual metal arc welding of materials
- MIG welding of materials (Metal Inert Gas)
- TIG welding of materials (Tungsten Inert Gas)

You will then have the opportunity to 'top-up' your apprenticeship with an additional qualification for which a course fee may apply.

Additional qualification:

- Fabrication & Welding

Who can apply

Apprenticeships are available to all.

You will be assessed for suitability using a range of online tests with support and guidance offered where necessary. Ideally candidates will have five GCSEs at Grade C/4.

If you have not achieved maths or English at C/4/Level 2, you will study these subjects to support progression and achievement of your chosen apprenticeship.

Failure to complete maths and English will prevent progression between apprenticeship levels or achieving your overall apprenticeship.

Assessment method

You will be assessed throughout the duration of the apprenticeship in the following ways:

- Multiple choice question based exams
- Practical observations
- Written assignments

The onward journey

After successfully completing your Level 3 apprenticeship, you will be prepared for advancement within the engineering industry.

Additional learning support

The College's Learner Support Services are available to provide support and help to make a success of your apprenticeship journey.

The College also works in partnership with Careers Guernsey whose advisors can support you in helping to choose the right next step for you and your future plans. They can support you in preparing for apprenticeship job interviews and any applications you may make.

Please visit their website for more information at careers.gg.



For more details or how to apply, please contact
E: apprenticeships@gcfe.net

Course information correct at time of publication. Courses offered may be subject to change.

E apprenticeships@gcfe.net

W college.tgi.ac.gg



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