

Mechanical Engineering

Ideal if you want to work methodically and you'd like to take the first steps to understanding engineering and the range of disciplines involved in the industry.

You'll learn milling, turning, basic hand skills and health and safety regulations.

Expect to gain practical skills in our purpose-built engineering workshops.

You'll love learning from experienced lecturers and meeting employers from around the country, with a view to them recruiting you into their companies.

Starting this course at Gloucestershire College will get you onto the first rung of the ladder on your journey leading to an exciting and varied career within the Engineering or Manufacturing sector.

Mechanical Engineering Diploma (Craft Route)

This course will give you an insight into a range of topics and disciplines and equip you with the basic skills and knowledge required. The engineering sector is vast and diverse and with this qualification who knows where it may take you?

Our starting point for your career in Engineering is the Level 2 Diploma which is accredited by City & Guilds. It is nationally and internationally recognised by employers and engineering companies. We also offer a Certificate for those students who are already on an apprenticeship framework.

During your one year full time diploma you will gain a range of practical skills such as milling, turning, grinding and health and safety regulations in our large purpose-built, industry standard engineering workshops. You will learn about basic hand tools, mills, lathes and drills.

You will study units such as: - Working in Engineering, Principles of Engineering Technology, Principles of Manufacturing Technology, Machining Components Using Milling Techniques, Machining Components Using Turning Techniques and Using Bench Fitting Techniques.

You will be assessed on your practical ability and by means of short written answer tests some of which are multiple choice.

You'll love learning from experienced tutors, and meeting employers from around the county with a view to recruiting you in their companies.

Future career opportunities include: Assembly and machine operator, maintenance fitter, mechanical engineer.

You can study at this level full time over one year or part time (one full day in college per week).

Entry Requirements

A minimum of three GCSEs including maths grade C or 4 and above, English grade D or 3 and above, one other GCSE at grade D or 3 and above.

What's Next

Progress on to the C&G Level 3 qualification Diploma in Mechanical Engineering.

Your Options

| | Start Date | End Date | Course Level |
|--|------------|----------|--------------|
| Mechanical Engineering (C&G 2850) (Full Time) | | | |
| Gloucester | 08/09/21 | 01/07/22 | 2 |
| Mechanical Engineering (Part Time) | | | |
| Gloucester | 08/09/21 | 29/06/22 | 2 |