Job Title: Manufacturing Engineer Apprentice – Level 6

Qualification: Level 6 Manufacturing Engineer

Location: Gloucestershire (Stonehouse, Woodchester, Wotton-under-Edge)

Learning Provider: Gloucester College and University of the West of England (UWE)

Duration: 5 years

Salary: £18,300

What is a Manufacturing Engineer Apprentice?

This structured Degree Apprenticeship will give successful candidates the opportunity to study for a BEng (Hons) degree in Manufacturing Engineering whilst working on exciting and challenging work placements. The programme is designed to produce engineers with broad knowledge and skills in more than one of the traditional engineering disciplines. This apprenticeship integrates work-based learning in the form of a significant industrial project with on-going reflection on the application of your learned skills in the workplace. This structured Apprenticeship will give successful candidates the opportunity to study for a degree whilst working on exciting and challenging work placements.

Where will I be working?

This role is based at our manufacturing sites in Gloucestershire. **You will need the ability to travel independently to college and work.**

What will I do?

In Year 1, your time will be split between studying for a degree and working within Renishaw, gaining valuable experience within a manufacturing and assembly environment.

During this year, you will spend some time at our manufacturing facility in Stonehouse and Stroud. You will learn here, how mechanical components are machined and processed into finished parts, understanding essential aspects of the processes. You will also spend time at our assembly facility in Woodchester and Stroud where many of our products are assembled. You will learn about our range of assembly equipment and processes, getting real hands-on experience assembling our products and learning valuable lessons in assembly equipment design and operation.

Your training during this first year will give you a broad level of exposure to our manufacturing, electronic, and assembling process which will give you fundamental practical knowledge and skills required for your apprenticeship.

Years 2 to 4 will include dedicated placements within the technical manufacturing engineering groups within the manufacturing services division, allowing you to work on real projects and products (including activities such as process support, process design/ development, systems integration, manufacturing operations, project engineering, and automation). Studying continues with the degree on a part time basis, allowing your theoretical knowledge to continue to grow.

In year 5 you will be placed within a team allowing you to specialise in a specific field of your knowledge within the company, finally completing your studies with a BEng and taking up an appointment within Renishaw.

What qualifications will I achieve?

You will study towards a BEng (Hons) in Manufacturing Engineering, accredited by the University of the West of England (UWE), with two days a week being spent studying for the first year, thereafter on a day release scheme. The degree is split into two levels, a Foundation Degree followed by the BEng (top up), which you will work towards over a 5-year period. This allows each apprentice to build on their qualifications and provides defined milestones within the apprenticeship. There will be ongoing reviews with the teams from UWE and Renishaw.

What skills and qualifications do I need?

Applicants must have:

- Three A-Levels at BBB, or the equivalent of 120 UCAS points, including Maths (at grade B or higher), one other science subject and one other STEM subject
- OR a Level 3 Engineering Technician Apprenticeship at Distinction level
- Other qualifications will be considered if they meet the points level requirement
- Preference will be given to applicants who can demonstrate practical exposure to mechanical engineering
- A current or recent job, this does not need to be relevant to engineering and can be a paper round or Saturday job, as this demonstrates maturity, responsibility, and independence
- Relevant work experience done through school or college would be beneficial although is not essential
- Good written and excellent communication skills
- A genuine desire to become an exceptional engineer
- A full UK driving licence, as travel to college and other sites will be required