



Apply here

Start date

February 2023

Duration

6 months

Languages

Good spoken and written English levels are required (B2 onwards)

Location

Hereford, England

Hereford sits right at the heart of the county of Herefordshire, on a loop of the River Wye. The city comprises of historic buildings combined with modern eateries and shops. The magnificent golden-stone cathedral houses the largest surviving medieval map of the world, the Mappa Mundi. If you love the outdoors, there is the Wye valley Area of Outstanding Natural Beauty where you can paddle on the river or explore the forests. The mountains of Wales are just 25 km away. You will never be short of things to see and do!

Are you eligible?

You are eligible for an ESPA internship if you are a registered student or have graduated within the past two years and have access to some form of grant funding

Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

Role

This is an exciting opportunity for a proactive Engineering student to gain hands-on experience in a dynamic, modern manufacturing facility producing high quality hydraulic cylinders. Mentored throughout, you will support the engineering manager in identifying gaps in information and understanding between the design and manufacturing departments. These gaps can cause issues with machine set ups, disrupt the cycle times and negatively affect the costings of the order. If you are self-motivated, inquisitive and like a challenge, then this will provide a great experience and addition to your CV.

Tasks

- Gain a full understanding of the production process including machine constraints and tolerances
- Identify problems and implementing process improvement
- Understand the product design process
- Support both design and manufacturing teams
- Design implementation

Desired Skills

- Working towards or recently graduated from a degree in Mechanical Engineering, industrial Engineering or similar
- Knowledge of lean
- Understanding of Inventor 3D or similar a bonus
- Enthusiastic and Self-motivated
- Inquisitive
- Not afraid to challenge the status quo
- Good people skills

The Host Company

This host company has been producing hydraulic cylinders for industries such as farming, construction, mining and waste management since 1969. Using the latest cutting-edge robotic technology, they have increased efficiency, meaning they can offer high quality cylinders at very cost-effective prices. Each element of the manufacturing process is completed on-site by their skilled and experienced team, using their own in-house welding & automatic welding with MIG/MAG, purpose-built test rigs, 2 pac painting system and ultrasonic component cleaning. With the ability to produce both stock and bespoke design cylinders, they can find the best solutions for customer's need. With the aim of improving process and efficiency further, they are seeking a talented individual to join their dynamic team.