



Apply here

Start date

April 2022

Duration

6 months

Languages

Good spoken and written English and fluent in Dutch, German or French (B2 onwards)

Location

[Nottingham, England](#)

This busy & vibrant English city has links to the legend of [Robin Hood](#) and to the lace-making, bicycle (notably [Raleigh](#) bikes) and tobacco industries.

Nottingham is also home to the UK's oldest live music venue, three of the world's oldest pubs and the biggest entertainment venue in the East Midlands. It is recognised as one of the UK's top shopping cities, has hundreds of restaurants and bars and three comedy clubs.

Other cities in the East Midlands are readily accessible on public transport and London is ~2 hours by train.

Are you eligible?

Are you a registered student?

Or

Are you eligible to participate in the Erasmus+ programme?

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 role for a student keen to develop practical skills in mechanical and electrical engineering design, within a growing SME based in the UK. Mentored throughout, you will work with the development team to understand the host's current product line and establish new ways to reduce costs, through engineering innovation and design. You will have the unique opportunity to play a critical role in the development of new products as part of their organic growth. For the selected candidate, this will be an invaluable engineering experience within a fast-growing manufacturing industry.

Tasks

- Review products, using Solidworks, to understand and appreciate X-ray systems
- Make recommendations on design revisions to realise engineering cost savings
- Assist in mechanical and electrical layout drawings and design
- Assist with product assembly in the workshop
- Help communicate ideas and designs from the design office through to the workshop
- Play a key role on the design of new X-ray security screening products
- Assist QC department in final checks with components and completed builds

Desired Skills

- Working towards a degree in electro-mechanical engineering or another relevant course
- Good experience of, and working with, SolidWorks
- Positive, proactive attitude
- Organised and self-motivated
- Strong communicator
- Good Microsoft Office knowledge
- Ability to work on own initiative and with great organisational skills

Preferred, not essential

- Fluent in Dutch, German or French languages

The Host Company

This rapidly growing SME is keen to develop manufacturing and production facilities for their X-ray diffraction screening products for aviation security and customs and border protection applications. They wish to scale current manufacturing capability in the UK and also to establish how best to manufacture products within the EU and in mainland US to the same level of quality. Constantly expanding, they are seeking a proactive individual to assist in this important part of the business.