



## Apply here

### Start date

Flexible

### Duration

6 months

### Languages

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

### Location

Cardiff, Wales

Cardiff is the Capital city of Wales. It is a highly desirable and modern city to work and live, offering a bustling and exciting lifestyle of shopping, sport, high-tec industry and social experiences coupled with unrivalled countryside

### 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 opportunity for an innovative Mechanical or Industrial Engineer to gain practical experience in the design and manufacture of materials separation equipment. Mentored throughout and working closely with a team of ten design engineers, you will assist in the redesign and development of new product lines, paying specific attention to manufacturing techniques and procedures according to Lean efficiencies. With set goals and responsibility early on, this internship will be a rewarding experience and a valuable addition to the CV of any ambitious Engineer.

## Tasks

- Work alongside Engineers and Workshop staff to refine current designs
- Troubleshoot issues and work to resolve these
- Run cycle time comparisons for build time (Current v's proposed)
- Mechanical 3D CAD design of components and systems

Modelling and simulation

## Desired Skills

- MEng or equivalent degree in an engineering discipline
- Mechanical design programs and techniques (3D CAD)
- AutoDesk Inventor preferred, Lean Manufacturing ethos, Office software related proficiencies (Word, Excel, Adobe, etc)
- Exceptional communication and interpersonal skills
- Flexible and open minded

## The Host Company

This company is a world leader in the design and manufacture of magnetic and vibratory separation equipment in mining, food processing, and many other sectors. Providing solutions to improve productivity, ensure product purity and protect valuable equipment, they are looking to redesign their product line, to improve effectiveness and efficiency at an affordable price. With manufacturing plants worldwide, this will ensure their continued success.