



ESPA

Product Development (Material Science) Internship

(TTPD2102)

[Apply here](#)

Start date

Early 2018

Duration

6 months

Languages

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

Location

Redditch, England

A town in the county of Worcestershire, Redditch benefits hugely from proximity to Birmingham. This once important industrial centre now boasts a quieter pace of life with parks and gardens alongside local attractions, traditional English pubs and eateries. It is also well placed to explore further in to the Cotswolds and the Malvern Hills, both renowned areas of natural beauty.

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 a great opportunity for an innovative and pro-active Engineer to gain hands on practical design and testing skills together with developing their key project management knowledge. Mentored throughout, you will assist in the design and testing of thermal packaging to transport a whole range of products where maintaining a constant temperature is critical. You will also be required to attend conferences and give presentations to internal and external groups. This experience is a fantastic opportunity for you to put your knowledge into practice and gain a wide variety of new skills, great for both CV and career prospects.

Tasks

- Assist in the research and development process of new materials within the new product development process
- Suggest and assist in the delivery of innovative solutions that break the current industry trends
- Research and help develop scalable single and multi-use packaging solutions for key markets with a focus on thermal insulation, phase change materials, and reflectivity for thermal capability
- Prepare tests using approved process, equipment and materials
- Use graphic design and applicable software packages to create visual product prototypes
- Demonstrate ability to cost packaging components and final products
- Ensure adherence to all procedures and processes set up within the quality system

Desired Skills

- Background in Engineering or similar discipline
- Proficiency with Word, Excel and flow-charting software
- Excellent analytical, organizational, negotiation and communication skills
- Excellent verbal, written, math's and presentation skills, with great attention to detail

The Host Company

The host company has a patented pioneering product that provides the life science and supply chain industries with qualified and GDP compliant thermal protection. The company has an established range of solar materials, approved and used by many major pharmaceutical companies. With recent investment in its UK base all testing is now in-house, a unique aspect in this sector allowing it to stay as a world leader in this field.