

**ESPA**

Product Design Engineering Internship (Medical sector)

(TRUPD2501)

Apply here

Start date

Flexible within the next three months

Duration

6 months

Languages

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

Location

Belfast Area, Northern Ireland

Belfast is the capital city of Northern Ireland and over recent years has seen a period of significant regeneration and growth. The birthplace of the Titanic, this vibrant city has a buzzing nightlife and social scene with many cultural events taking place throughout the year. Close to beautiful countryside and the famous Giant's Causeway, Belfast has something to suit all tastes.

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 fantastic opportunity for a creative engineer, interested in product design, to work with this leader in the manufacture of state-of-the-art medical training equipment in the form of life like manikins. Mentored throughout, you will focus on taking their products to the next level from design through to prototype and production. Given early responsibility, this is a great chance for you to showcase your design and project management skills in this unique niche industry, providing a great addition to your CV and a real boost to career aspirations.

Tasks

You will assist in the upgrade and development of products from concept to production to include:

- Reviewing project proposals and plans with management
- Identifying project phases and elements
- Determine project specifications by studying product design, customer requirements and performance standards, completing technical studies, preparing cost estimates
- Evaluating product performance by designing and conducting tests
- Maintaining project schedule by monitoring project progress, coordinating activities and resolving problems
- Advising on project costs by approving expenditures and administering contractor contracts
- Preparing project status reports by collecting, analysing and summarising information

Desired Skills

- Studying for a degree in Mechanical Engineering, Product Design Engineering, Biomedical Engineering or other relevant
- 2D & 3D CAD experience (SolidWorks or equivalent)
- A high degree of technical knowledge balanced with creative ability and a hands-on approach
- Flair and imagination
- An understanding of medical procedures or anatomy is a bonus

The Host Company

This host was established in 2003 by two Anaesthetists at Queens University Hospital in Belfast, who identified a need for more realistic training aids for medical procedures. They now lead the medical simulation market, designing and manufacturing a range of realistic and durable training manikins, aimed at developing skills in emergency airway management of patients. They are now seeking talented individuals to help in the upgrade and redesign of some products to help maintain their number 1 position in the marketplace.