



# ESPA

## Manufacturing Process Engineering Internship

(ASSMa3003)

[Apply here](#)

### Start date

July / August 2022

### Duration

6 months

### Languages

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

### Location

Belfast, Northern Ireland

[You will be working in Lisburn with a short commute from your accommodation in Belfast.](#)

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 including [10 Game of Thrones filming locations](#) and the famous [Giant's Causeway](#), Belfast has something to suit all tastes.

### 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 a fantastic opportunity for an engineering student to gain practical experience with an innovative leader in door and access solutions. Mentored throughout, you will gather and analyse data to help **implement physical process improvements and controls throughout the manufacturing process, utilising either QR codes or RFID**. This is a great chance to take early responsibility and use your skills and knowledge to manage this key project. This hands-on project will not only be a great addition to the selected candidate's CV, but it will also be a great benefit to the host company.

## Tasks

- Data collection from materials and manufacturing systems
- Gain an understanding of the manufacturing process
- Build your knowledge of asset tags, QR codes and RFID technology
- Share knowledge with key users and management to ensure full understanding among the team
- Gain full understanding of all current management systems
- Support the implementation of asset tags and linking this back to the design and software teams
- Liaise directly with process management team
- Report writing and sending emails to clients

## Desired Skills

- Background in engineering (process, manufacturing/mechanical, production)
- Ability to collect, organise, analyse and disseminate significant amounts of information
- Strong engineering understanding from design stage to manufacturing output.
- Experience of a customer focused, process and data driven environment
- Good eye for detail; able to work in a timely, accurate manner
- Be a team player and able to work well with others
- Methodical; orderly or systematic in thought or behaviour
- Knowledge of computer systems, QR codes and RFID technology
- Articulate with great communication skills

## The Host Company

Part of an international group totalling 47,500 employees, with annual sales close to 7 billion euros, this host is the UK's leading supplier of safety and security door solutions across a range of markets. These include residential, business, the health, public and high security sectors. Offering the most comprehensive total door opening solutions of any manufacturer, this innovative company is seeking motivated individuals to continue their success and maintain their position as the market leader.