

Higher Apprenticeship Opportunity

Engineering – Mechatronics Department

Purpose of job

ATLAS ELEKTRONIK UK is looking to employ an apprentice who is keen to progress in the world of engineering and who has a real passion and desire to understand our business domain.

Reporting relationships

Senior Engineering Team Leader

Location

Dorset Innovation Park, Winfrith

Employment status

Fixed Term Contract, 37 hours per week

ATLAS ELEKTRONIK UK (AEUK) is a growing business that is building on its legacy of innovation for underwater systems for the Royal Navy. Operating from its Headquarters at Winfrith in Dorset, AEUK has invested in its unique in-house test and integration facilities in order to support its growth in supply to UK and export markets of submarine and ship systems, including sonar, autonomous systems, marine electric actuation and mine counter-measures. AEUK has waterside access in Portland Harbour that provides AEUK and its partners with excellent facilities to test systems at sea, particularly those from its Autonomy portfolio.

AEUK is a leading innovative maritime systems company operating throughout all phases of the acquisition and engineering lifecycles, from Concept to In-service Support. With over 400 employees, AEUK is the largest subsidiary in the ATLAS ELEKTRONIK Group. ATLAS ELEKTRONIK Group is part of thyssenkrupp Marine Systems.

ATLAS ELEKTRONIK UK is looking to employ an apprentice who is keen to progress in the world of engineering and who has a real passion and desire to understand our business domain.

The apprentice will be an integral part of the Mechatronics Department. This apprenticeship will offer variety and the opportunity to move around the business in various engineering departments, gaining experience in all aspects of mechanical, electrical and electronic design.

The Apprentice engineer under supervision and assistance will learn how to conduct the following tasks:

Mechanical Design:

- Competent and efficient use of the Solid Edge CAD design package.
- Competent and efficient use of our TEAMCENTRE PLM tool
- Requirements driven design of mechanical components to support our innovative and advanced systems including our Unmanned Surface Vehicles and Weapon Handling Systems
- Justification and documentation of design principles
- Active participation in design reviews
- Use, maintenance and support of a state of the art 3D printing facility
- Provide support in preparation of design documents for Configuration Management.
- Laboratory and sea based testing of systems

Electrical & Electronic Design:

- Competent and efficient use of the EPLAN electrical design package.
- Competent and efficient use of the ORCAD electronic design package.
- Requirements driven design of electrical and electronic sub-systems and components to support our innovative and advanced systems including our Unmanned Surface Vehicles and Weapon Handling Systems Justification and documentation of design principles
- Active participation in design reviews
- Specification and assessment of components for product use
- Provide support in undertaking Configuration Management of product documents.
- Laboratory and sea based testing of systems

... a sound decision

Knowledge, skills and personal qualities required

- No prerequisite experience required but a demonstrable enthusiasm for engineering through school or hobby interests.
- Attention to detail.
- To be IT literate and familiar with Microsoft Word, Excel or equivalent software.
- Ability to work efficiently and accurately.
- Highly motivated.
- Aptitude for practical engineering.
- The ability to work as a team member and possess good interpersonal, communication and literacy skills.
- To work with efficiency, accuracy and to be able to meet deadlines.
- To be able to prioritise workload and work under own initiative.
- High level of flexibility and dependability.

Challenges

Working to deadlines that cannot be missed; accuracy is essential; may be a need to work additional hours on occasions if required for a specific reason.

What we are looking for in you

- 3 A-levels, or equivalent, at Grade A*-C (new grading: 9-4)
- Minimum of 5 GCSE's, or equivalent, at Grade A* - C (New grading: 9-4) including English, Maths and a Science or Business related subject.
- Willingness to develop at college
- Self-motivated and ability to work under supervision

More information

Closing date for applications Monday 28th February 2022.

The successful candidate must be able to achieve full SC (Security Clearance).

How to apply

Please forward your CV and a covering letter explaining why you are suitable for the post to recruitment@uk.atlas-elektronik.com by the closing date and state the job title in the subject line.

Due to the nature of our work and the projects you will be working on, all candidates must be eligible to gain security clearance. ATLAS ELEKTRONIK UK Ltd is an Equal Opportunities employer and welcomes applications for all posts from suitably qualified people regardless of age, disability, ethnicity, gender, marital status, sexual orientation, religion or belief.

Only successful applicants will be contacted.

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