



# Advanced/Apprenticeship Opportunity Engineering – Mechatronics Department

## **Purpose of job**

An exciting opportunity has arisen for a motivated and enthusiastic apprentice to join our successful and growing company in Winfrith, Dorset. ATLAS ELEKTRONIK UK together with its subsidiaries, is a technological leader in many sectors and has an excellent reputation, particularly as a supplier of Sonar Systems. We have unique and unrivalled domain knowledge in weapon handling, mine-hunting, naval weapons and combat 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

**Reporting relationships** Senior Engineering Team Leader

**Location** Dorset Green Technology Park, Winfrith, Dorset

**Closing date** 6th May 2018

**Qualifications** Minimum of 5 GCSE's, or equivalent, at Grade A\* - C including English, Maths and a Science or Engineering related subject. Applications from A Level candidates will also be welcomed for higher level apprenticeships.

#### **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.

#### **Other requirements**

This role requires an SC security clearance.

#### **How to register your interest**

Please forward you're CV and a covering letter explaining why you are interested in the apprenticeship to [training@uk.atlas-elektronik.com](mailto:training@uk.atlas-elektronik.com), stating the apprenticeship title in the subject line.

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