

Advanced Apprenticeship

Steelworker

The role of a Steelworker within BAE Systems (Submarine Solutions) would include working from planned drawings to mark out, cut and shape vessel structures. This would involve fabricating various submarine sections; seatings, bulkheads, decks, as well as smaller steel components. As a steelworker you would be trained to be conversant with various types of tools and machinery used in the forming of steel plate, this may involve Computer aided burning machines, large presses and hand tools such as scribes, dividers, hammers etc.

Other skills you will be taught in the steelwork environment will include, burning, welding and slinging. Skills essential to this role are teamwork and communication, as liaison with other trade groups will be required when working with vessel sections weighing up to 300 tons, with steel plate thickness ranging from 3mm to 150mm.



The first year of the programme is a full time college course completing the Performing Engineering Operations (PEO) a level 2 NVQ qualification. Whilst undertaking this you will learn the basic skills of using hand tools before moving on to the operation of machinery. You will also be educated in Health and Safety requirements while in the workplace. Five Key Skills will also be achieved in the 1st year at level 2

In the second year you will be introduced to the company and begin 12 months of department placements, each placement lasting for 3 months. During this time you will start to learn about the structure of the company and will be given an insight into the world of Engineering. You will also attend college one day a week on day release where you will be working towards gaining your two year academic qualification (Advanced Diploma Level 3). As you progress in the company you will be working towards a NVQ Level 3 in Marine Engineering proving competence in your chosen discipline

Throughout your apprenticeship you will be given opportunities to partake in extra curricular activities such as the Apprentice Innovation Challenge this is run in association with the UK's partner charity who present a mechanical and electrical challenge to our apprentices throughout the UK. There is also the Company Ambassadors scheme, where individuals get the opportunity to go back to their former school and pass on experience and knowledge which has been gained while working in BAE Systems. Further Education is actively encouraged by the Company and individuals will be given the opportunity to further their studies Those showing outstanding commitment and promise will be fully supported and qualifications leading up to degree level are attainable.



Application is via the BAE Systems website, by completing the on line application form at the link below. Successful applicants will be contacted and informed of the next stage of the application process which involves aptitude tests and interviews, followed by medicals and security clearance.

www.baesystems.com/careers