

Advanced Apprenticeship

Electrician

The role of Electrician in BAE Systems (Submarine Solutions) includes duties that involve working from planned drawings and Company procedures to install, terminate and test all electrical equipment in the hi-tech environment of a nuclear submarine. Individuals will achieve competence fabricating and fitting cable supports, varying from fibreglass cable tray to metal conduit and the installation of electrical equipment using different types of resilience mounts.

Crimping and termination is an essential part of the electrical role where attention to detail and the ability to produce defect free work is essential. Individuals will get the opportunity to work on a variety of electrical systems, lighting, fire detection, communications for examples, using numerous tools and specialist electrical components.

Experience will be gained in specialist areas, plant maintenance, electrical testing, calibration etc, giving a wide of skills throughout the duration of an in-depth apprenticeship.

The first year of the program is a full time college course completing the Performing Engineering Operations (PEO) a level 2 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 qualifications will 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. You will also attend college one day a week on day release where you will be working towards gaining your two year academic qualification (City & Guilds 2330).



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

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