

# START YOUR CAREER THROUGH AN **ENGINEERING** APPRENTICESHIP!

## A guide for young people.

#### **DID YOU KNOW...**

With the rate of developments in technology, becoming an engineering apprentice is a great way to stay ahead of the game. Engineering job roles are broad — from aerospace to heritage engineering — giving you many prospects for the future. There's consistent demand within the field, giving you the freedom and opportunities to travel and explore the world. Most importantly, because of this demand, there is the scope for great salary packets too!

#### AN APPRENTICESHIP IS A JOB WITH A SALARY

You'll also study the equivalent of one day per week to build skills in your chosen profession. The combination of practical work and classroom teaching means you can put into practice the things you learn. You'll gain skills such as communication, teamwork, problem solving and IT. **You'll be well on your way to achieving your career goals while others are just getting started.** 

#### **MEET SOME APPRENTICES**



**MEET DANIEL...** Who would like to develop his career and teach others engineering in the future.



**MEET GEORGINA...** Whose apprenticeship led to a career as a Design Engineer.



**MEET RAISA...** An engineering technician at Jaguar Land Rover.



DURATION: **APPROX. 3.5 YEARS** 



FIND OUT MORE ON THE NEXT PAGE

#### WHERE COULD YOU WORK?

Engineering applies science and maths to solve real-world problems. We constantly interact with the products of engineering in our day-to-day lives and engineers are essential in almost all sectors. Generally, engineering apprentices take on an operator role, involving anything from installing telecommunications systems and assembling car engines, to demolishing buildings or checking commercial or RAF aircraft.

> Supporting people to develop skills throughout their careers will help individuals to access good jobs and help industry to improve productivity. That's why we're recruiting record numbers of apprentices. **Charles Woodburn, Chief Executive, BAE Systems**







**IFE TISHIDA SIEMENS** 



### **AND MANY MORE...**

## CAREER STARTER APPRENTICESHIPS **ENGINEERING FITTER LEVEL 3**

As an Engineering Fitter, your work involves assembling parts made from metals or other materials to create production equipment and machinery.

#### **TYPICAL TASKS COULD INCLUDE:**

- Interpreting drawings and planning work, ensuring you have the right tools
- Welding pieces in place using gas or electricity
- Repairing and installing valves, tank linings and lead pipes

For example, you could be working on a submarine in the middle of an ocean, and have to replace a critical component to keep it going. Or you could be in a factory where the maintenance team bring you a component to strip, build, and get back on the line quickly. This is a fascinating job for someone who likes to understand how a component works, build it, and see the end result.

#### **TYPICAL ROLES MAY INCLUDE:**

- Controls and Systems Fitter
- Electrical Fitter
- Electronic Fitter

- Instrumentation Fitter
- Mechanical Fitter and Pipe Fitter



Our apprenticeships.gov.uk website has more information about apprenticeships and how to apply.



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