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Careers in Construction, Manufacturing and Engineering

Construction jobs involve more than just what you see on a building site. There is a huge range of choices in the industry. These involve designing, planning and project management, as well we doing the hands on, practical work.

MAIDEN ERLEGH

TRUST

A manufacturing job involves the creation of new products either from raw materials or by assembling different components through physical, chemical or mechanical means.

Engineering is the design, production and maintenance of the fundamental processes and materials we enjoy in today's society. It's a scientific discipline, manipulating different forms of energy to sustain industrial and technological advancement. These career paths are varied and broad, and offer many different ways to an exciting and challenging career.



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Some videos about the industry from people who work in the industry:

Careers in construction <u>A look at the different jobs in</u> <u>construction</u> <u>Working at Balfour Beatty</u> <u>Apprenticeships at Balfour Beatty</u> <u>Project Manager - Careers in</u> <u>Construction</u> <u>Women in Construction</u> Discover these construction careers and engineering roles:

Building services engineer Construction manager Consulting civil engineer Contracting civil engineer Engineering geologist Mining engineer Site engineer Structural engineer Water engineer









Some details about working in the construction industry from the industry training board <u>here</u>

Learn about the different routes into a career in construction <u>here</u>

Details about apprenticeship schemes



EXPLORING OPPORTUNITIES WITH BERKELEY HOMES (OXFORD & CHILTERN)

Developing the right skills with us

Apprenticeships are an excellent way to build and develop your career. An apprenticeship with Bellway offers you the opportunity to:

Achieve a nationally recognised qualification.

• Earn while you learn.

- Work for a five-star housebuilder.
- Progress your skills to a new level.
- Improve your knowledge and understanding of the housebuilding industry.

WHAT'S IN IT FOR YOU

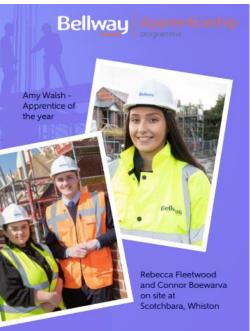
Being a Building Futures trainee offers you a number of advantages when considering your post-school options, including:

BUILDING FUTURES

- No student debt
- Learning whilst earning with a starting salary of at least £19,800
- Further education and work experience at the same time
- A chance to try out different career paths before choosing your course and career

BUILDING FUTURES

- An industry leading salary*
- A chance to experience and understand every major job role in the industry before choosing a career and further education
- Training and development tailored to your needs



Check our <u>website</u> for regular updates on apprenticeship schemes









wood.

With 40,000 professionals, across 60 countries, Wood plc are one of the world's leading consulting and engineering companies operating across Energy and the Built Environment. United by our common purpose to unlock solutions to the world's most critical challenges, we are future ready, now.

View the wood YouTube channel here and the video Imagine It. Invent It. The early careers section is useful for students to see typical roles available at Wood early in their career: Early <u>Careers | Wood Careers (woodplc.com)</u> Some valuable case studies can be viewed below:-<u>Humber Zero project | Wood (woodplc.com)</u> <u>Hywind Tampen | Wood (woodplc.com)</u> Engineering solutions to heat homes with hydrogen | Wood (woodplc.com) <u>LNG on legs | Wood (woodplc.com)</u> <u>Kuwait Integrated Petroleum Industries Company (KIPIC) Al-Zour refinery project | Wood (woodplc.com)</u> <u>Innovative technology enables efficient use of water for the food industry in water-stressed region | Wood (woodplc.com)</u>





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We are a leading UK **construction** and infrastructure services company delivering vital economic and social infrastructure. We have continued to be forward thinking, innovate and pioneer new ways of working; from our role as a tier one contractor and strategic supplier to government, to our first-class project execution and the social value we provide for communities across the UK.

View the Kier YouTube channel <u>here</u> Hear from Kier apprentices Chloe <u>here</u> and Sophie and Emily <u>here</u> <u>Fergus</u> talks about being an assistant site manager, <u>Daniel</u> talks about being an assistant design manager, and <u>Tom</u> talks about being an Assistant Quantity Surveyor

View careers opportunities <u>here</u>.





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View some details about manufacturing jobs <u>here</u>

Explore manufacturing careers here

Read about the different types of engineering and manufacturing careers <u>here</u>

An overview of the industry can be viewed <u>here</u>



The Jaguar Land Rover retailer apprenticeship programme offers both technical and commercial roles: Service Technician apprentice – 3 year technical programme Customer Service Advisor apprentice – 1 year commercial programme Parts Advisor apprentice – 1 year commercial programme Sales Executive apprentice – 1 year commercial programme

View the website <u>here</u> for more details











For more than 70 years, AWE has supported the UK Government's nuclear defence strategy and the Continuous At Sea Deterrent. We also use our nuclear know-how and technical expertise to provide innovative solutions that support the UK's counter-terrorism and nuclear threat reduction activities.

AWE offer both Level 3 Advanced as well as Level 6 Degree apprenticeships. There's more information about each apprenticeship still on offer here <u>Apprenticeships – AWE</u>

Business Admin Control & Instrumentation Maintenance Control & Maintenance Technical Author Electrical Maintenance Electronic Design (Level 6) Explosives Technician Information Communications Technician Manufacturing Engineer (Level 6) Mechanical Maintenance Mechatronic Maintenance Nuclear Engineering – Electrical (Level 6) Precision Machining Quality Inspector









We pioneer the power that matters to connect, power and protect society. Together, we can do amazing things.

Did you know that just one aero engine is made up of around 30,000 parts? 80% of these parts are bought from external suppliers by our procurement experts. But it's not just engine parts - anything we can't make ourselves, from IT, to training services, to new buildings, to catering services, to consumables - our Procurement teams negotiate, buy and manage it all. Learn more <u>here</u>

Visit the Rolls Royce careers website <u>here</u> View Bethan discussing her apprenticeship <u>here</u> Maybe you're finishing school or college, or perhaps you're already in the world of work and looking for a change of career. Either way, our apprenticeships will set you on the road to success. Join us, and you'll contribute to our ground-breaking work. You can expect all the training and qualifications you need to get your ideas noticed, and the support to develop your skills and knowledge. You'll be welcomed into a friendly, inclusive culture where your unique perspective will be valued. A place where you can be your best and feel like you belong. Learn more <u>here</u>







THALES

We're a team of over 6,500 experts, including 4,500 highly skilled engineers, across nine key <u>UK sites</u>. We have unrivalled experience across every major industry we serve - working around the clock to make life better and to keep us safer. We're a global technology business operating across <u>aerospace</u>, <u>defence</u>, <u>digital security</u>, <u>transport</u> and <u>space</u>.

Find about the careers paths available for young people <u>here</u>

Thales Website

Thales YouTube channel

<u>Adam Woolley - A day in the life of an Acoustic</u> <u>Engineer</u> <u>Stuart Morgan – A day in the life of an Engineering</u> <u>Graduate</u>

<u>Holly Feeney - A day in the life of an Engineering</u> <u>Graduate</u>

<u>A day in the life of a Business Change Manager</u>

Early Career opportunities

