



Engineering, Manufacturing
and Maintenance Apprenticeships

UNLOCK YOUR POTENTIAL



ENGINEERING
TRUST TRAINING

WHAT IS ENGINEERING?

Engineering is behind everything, from your mobile phone to the clothes that you wear and even the can which contains your favourite drink. Every product has been researched, designed, developed, tested and in some cases made by an engineer.

Engineering plays a major part in a wide variety of industries such as automotive, medical, electronics and space exploration to name a few!

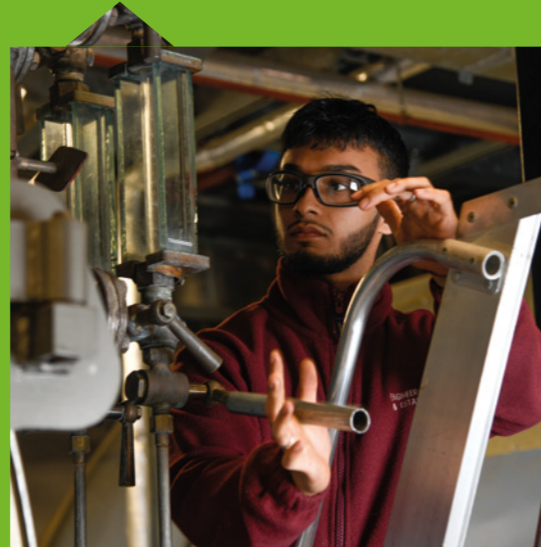
WHAT IS AN ENGINEER?

An engineer is a problem solver who uses maths and science to build things, maintain things and turn things into reality.

Engineering can be an excellent career choice for someone that has the aptitude, a keen interest and a logical approach to problem solving. It will enable you to create, test and design things that solve the world's problems and it will offer endless growth opportunities.

“I thoroughly enjoy my role working at the MRC in the estates team where the diversity of the work and the systems we maintain have enabled me to develop a broad understanding of Engineering theory whilst feeling like I am making a difference to the operation of the highly complex life science research unit.”

Hareet – Building Maintenance Engineer –
Level 3 Apprenticeship



“My role involved me fixing helicopters. They are really interesting machines and I am constantly learning new ways of solving problems and I meet very knowledgeable and interesting people. My ambition is to be an air crash investigator and so my apprenticeship is an excellent way to help me work towards that.”

Alice – Mechanical Engineer –
Level 3 Apprenticeship

WHAT IS AN APPRENTICESHIP?

An apprenticeship is a brilliant way to kick-start your career and allows you to learn, gain experience and get paid. As an apprentice you would be employed by a company who commits to train you as part of your job or organisation in order to build your skills and knowledge.

An apprenticeship can take between one and four years to complete depending on the level of the qualification and your previous experience.

WHO WE ARE AND WHAT WE DO

We are a training provider who works alongside employers across the UK to deliver apprenticeships within their businesses. We specialise in the delivery of engineering, manufacturing and maintenance apprenticeships working within a number of different sectors.

See the back cover for more information about the recruitment process.

WHERE CAN AN APPRENTICESHIP TAKE YOU?

The engineering and manufacturing sectors have a rich history of using apprenticeships to bring talented people into the industry. Many apprentices progress into more senior roles using the skills and knowledge they gained during their training to make an impact, not only within the business they start in, but in the wider industry too.

JOB EXAMPLES

MACHINIST - Apprentice Level: 2



Role detail: A machinist is someone who operates manual and CNC machine tools in order to produce a component or product. Equipment such as gear cutting machinery, vertical and horizontal

machining centres, lathes, multi-axis multi-functional machines and grinding machines might be used as part of their work.

Industries: Precision engineering, motorsport teams and their supply chain, manufacturing.

COMPOSITE TECHNICIAN - Apprentice Level: 3



Role detail: Composite technicians produce highly detailed components or products using state of the art techniques from materials such as carbon fibre or resin. Their work includes

tooling, moulding, laying-up, curing, trimming, finishing, inspecting and testing the items produced, some of which may be one-off specialist pieces or large runs of multiple products.

Industries: Motorsport teams and their supply chain, medical, automotive, aerospace.

SCIENTIFIC INSTRUMENT TECHNICIAN - Apprentice Level: 4



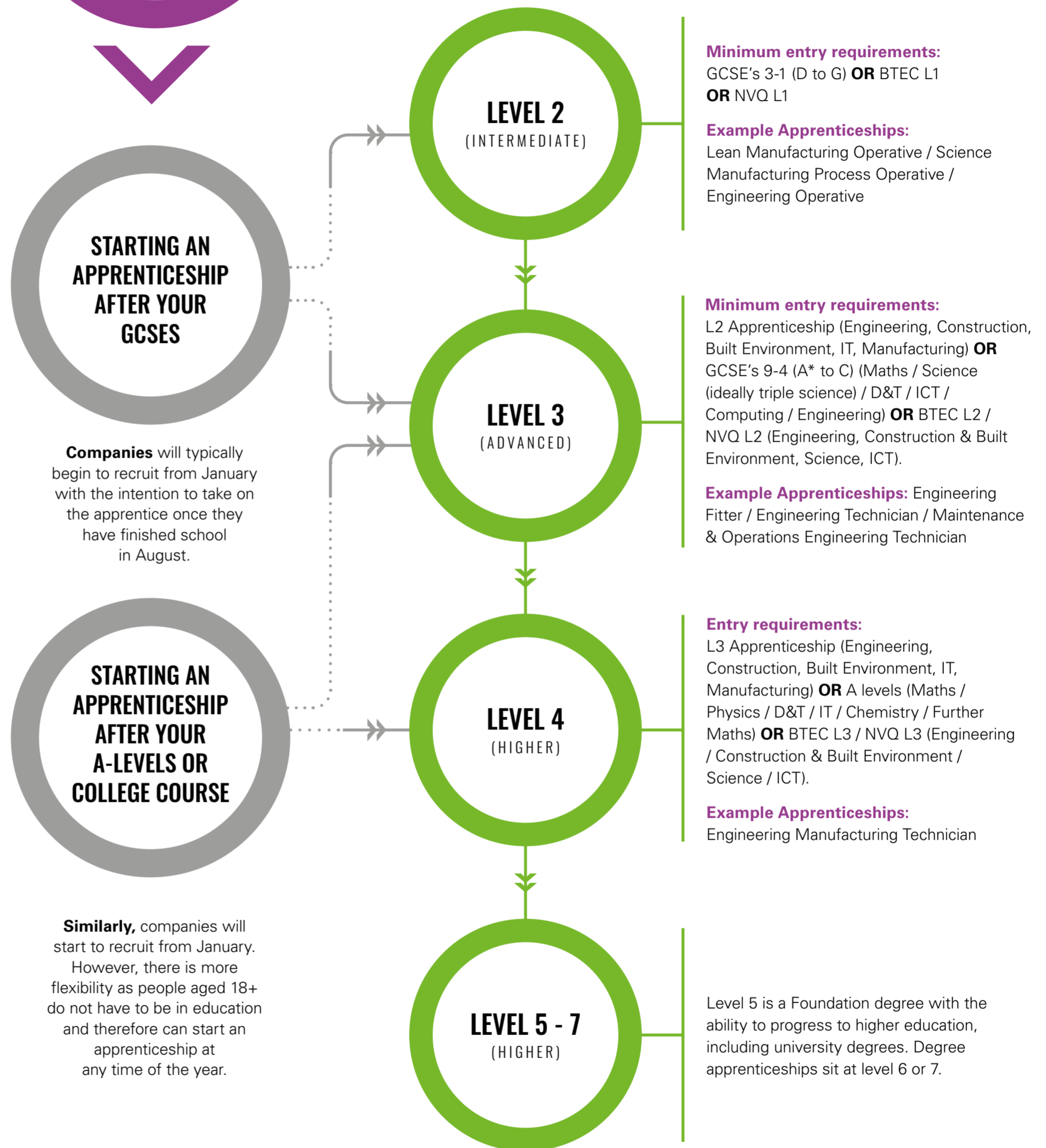
Role detail: A Scientific Instrument Technician is responsible for the assembly and testing of components, sub-assemblies and final product to agreed specifications, quality, and time frames.

They also manufacture components, fixtures and test equipment with the ability to read and understand technical drawings in order to deliver work to the correct specifications.

Industries: Scientific machinery manufacturing, additive manufacturing & 3D printing, space, medical, pharmaceutical, research.

THE APPRENTICESHIP JOURNEY

Apprenticeships are an awesome way to progress your learning whilst also earning. You can start at a level 2 and work your way up or jump on at any point, depending on your prior learning and the role a company has employed you to do.



WHAT YOU NEED TO BE AN APPRENTICE



Enthusiasm



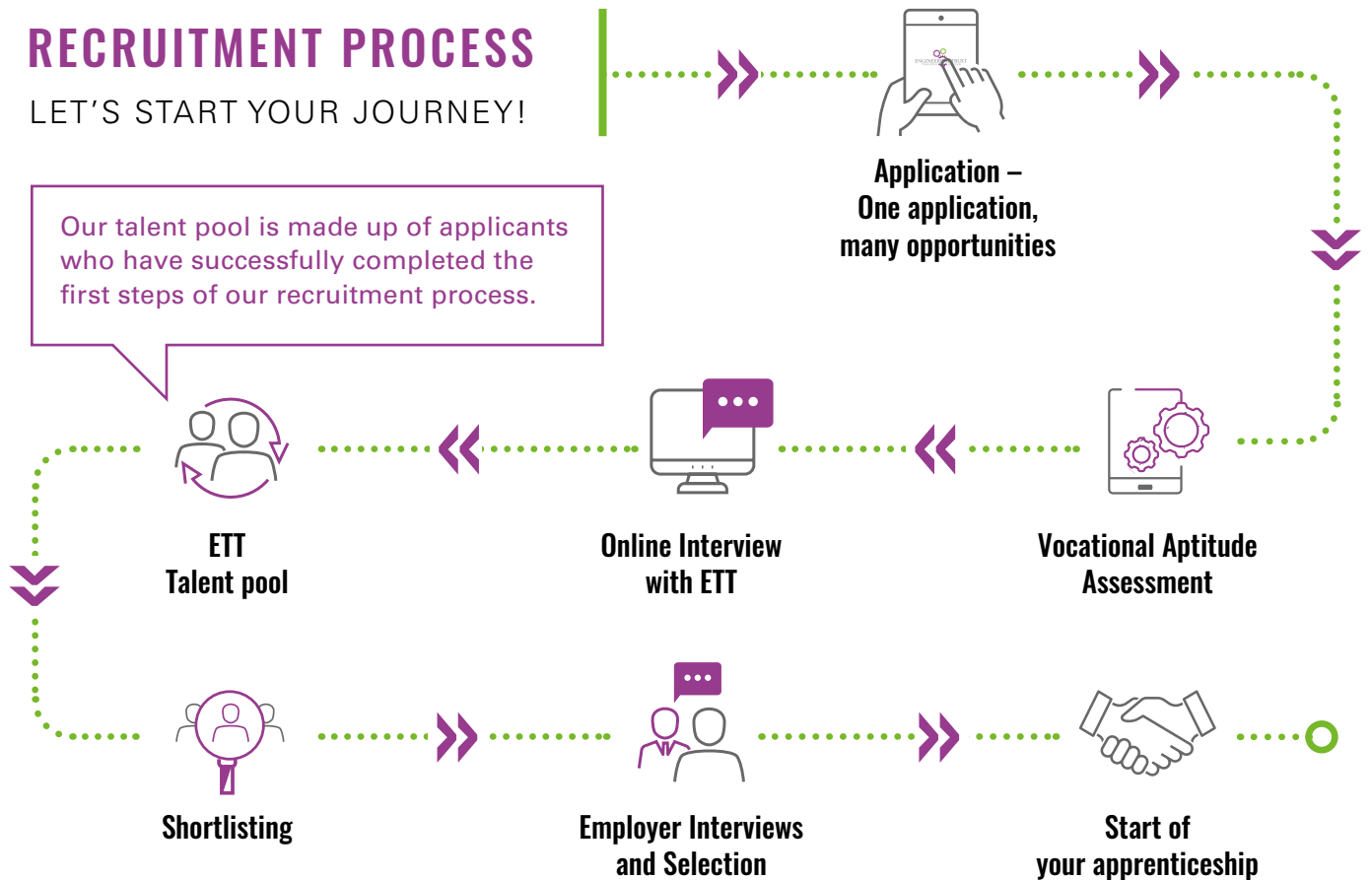
Keen to learn



Commit to a full time Job

RECRUITMENT PROCESS

LET'S START YOUR JOURNEY!



Visit: gov.uk/become-apprentice

theengineeringtrust.org

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