




ENGINEERING
APPRENTICESHIPS





**Engineering is behind
everything we use - from apps
to bicycles, solar panels to
lifesaving medical equipment.
Engineering is everywhere.**

**Engineers design, create,
invent and innovate.
They help shape the future
and make a difference in
the world we live in!**

**Engineer your future
with an apprenticeship.**

Welcome to MGTS

With a severe shortage of skilled, qualified engineers in the UK there has never been a better time to enter the world of engineering. Our Apprenticeships give you a clear pathway to a long lasting career, and we're here to support you at every stage. Here's what your MGTS journey looks like.



Register with MGTS
Let's get started



Online Assessments
Do you measure up?



MGTS Interview
Getting to know you



Employer Match
Finding the perfect fit



Apprenticeship Offer
Your journey begins



Start your Career
Earn while you learn!



The first year of the apprenticeship programme is spent completing 'off the job' training at an MGTS Technical Centre (Coventry or Redditch) learning core practical, theoretical and behavioural skills.



In Year 2 apprentices return to the workplace to continue their learning whilst attending MGTS on a day release basis to complete the necessary educational requirements for the programme.



Years 3 and 4 sees a continuation of learning in the workplace. Learners will focus on what is expected from the End Point Assessment and undergo mock assessments in preparation for completing the actual assessment in the final months of their apprenticeship.



Employer Testimonial

“MGTS has met and exceeded our expectations in all aspects – from apprentice recruitment, full-time first year training and subsequent part-time learning, through to the end of the apprenticeship.

In every step MGTS is there to help and guide both us as a company and our apprentices through the process. The training they give to the apprentices themselves is first class, not only academically and practically but also from a personal point of view in installing the right values from the outset.

MGTS is our 'go to' provider when we want an apprentice!”

MARTIN
CAD MANAGER



A little about us



MGTS is an educational charity that first began operating in 1965. We specialise in engineering apprenticeships, training and assessment provision and have Technical Centres in Coventry and Redditch.



We work in partnership with a wide range of companies from SMEs to global operators, all within a diverse range of industries including manufacturing, automotive, aerospace, food & drink and logistics.



Our Apprenticeship Recruitment Team will provide information, advice and guidance on the engineering roles and opportunities best suited to your needs.



MGTS Technical Centres are equipped with modern industry standard equipment, providing you with a solid foundation for when you start work with your employer.



As an MGTS apprentice you will be appointed a dedicated Training & Development Adviser for the duration of your apprenticeship to support both you and your employer.



MGTS Trainers have all worked in industry and are fully qualified engineers, so you will be learning from the best.



Our Learner Support Team is on hand for pastoral care needs and offer a confidential service for any concerns you may have.



MGTS Technical Centres are well connected to transport links and offer free onsite parking.



MGTS has a long-standing and strong commitment to equal opportunities for all.





Who would make a good engineer?

Creative problem solvers great at finding solutions and thinking outside the box.

Improvers who want to make things work better.

Excellent team players who communicate well and enjoy sharing ideas and tasks.

Logical thinkers with an eye for detail and ability to think things through.

Difference makers who want to make the world a better place.

Connectors who can see patterns and make connections with the wider world.

Resilient characters who will bounce back and keep trying.



Why choose an apprenticeship?

-  Earn while you learn. You will be employed and earning a salary from day one of your apprenticeship.
 -  No loans necessary or fees incurred!
 -  The average starting salary for an engineering apprentice is between £13 - £15K, although many companies are offering higher salaries.
 -  Enjoy formal off-the-job training, a wide mix of learning in the workplace and the opportunity to practise new skills in a real work environment.
 -  Benefit from the support of a dedicated MGTS Training & Development Adviser throughout the whole of your apprenticeship.
 -  Achieve recognised qualifications such as:
 - Level 2 Diploma in Advanced Manufacturing Engineering
 - Level 3 Diploma in Advanced Manufacturing Engineering
 - BTEC Level 3 Diploma in Advanced Manufacturing Engineering
 -  Many of the companies that work in partnership with MGTS are committed to fully developing their apprentices and could potentially offer opportunities to study to a higher level (HNC, HND and Degree).
 -  Develop life-long transferable engineering skills (both practical and theoretical) in readiness for an exciting and rewarding career.
 -  Potential opportunity to join the MGTS 'Apprentice Forum' team to give feedback and suggest improvements to the apprenticeship journey for you and your peers.
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- An abstract graphic at the bottom of the page consisting of overlapping, semi-transparent geometric shapes in shades of yellow, orange, and grey, creating a sense of motion and depth.

Apprenticeship Pathways —

Mechatronics Maintenance Technician

Mechatronics Maintenance

Technicians ensure that plant and equipment perform to the required standard to facilitate production targets regarding Safety, Quality, Delivery and Cost within High Value Manufacturing environments. Typically the work would cover a broad range of activities including:

- Installation, commissioning and testing
- Fault diagnosis
- Ongoing planned maintenance of mechanical, pneumatic, electrical and process control equipment

Maintenance & Operations Engineering Technician

Maintenance & Operations Engineering

Technicians will maintain the safety, integrity and effective operation of plant and equipment. They will work on various types of plant and equipment commonly found throughout Engineering Industry sectors.

Technicians will need to apply a range of conventional skills and knowledge to undertake engineering activities on a selection of systems and equipment.

Engineering Fitter

Engineering Fitters produce complex high value, low volume components or assemblies in full or part, using machines, equipment or systems, to the required specification. Fitters may typically have a mechanical, electrical, electronic, control systems, pipe fitting or instrumentation bias or operate across multiple disciplines depending on the type of assembly.

Machining Technician

Machining Technicians in the Advanced Manufacturing Engineering sector are predominantly involved in highly skilled, complex and precision work, machining components from specialist materials using conventional and/or CNC machine tools.

Toolmaker and Tool & Die Maintenance Technician

Toolmakers and Tool & Die Maintenance Technicians are involved in the highly skilled, complex and specialist detailed work of manufacturing and maintaining the engineering tooling used to produce components, products and assemblies. These affect all of our daily lives, whether it be for travel, energy, defence, food, clothing, packaging and health including medical equipment, devices and implants such as joint replacements. This requires the application of a broad range of activities including the interpretation of engineering drawings and technical instructions and the use of hand, machine and automated computer controlled machine tools and measuring equipment.

Engineering and Manufacturing Support Technician

Engineering and Manufacturing Support Technicians work as part of a team to provide technical support and expertise for all areas of the Engineering and Manufacturing function including:

- Communications software test/ Analysis tools/Measurement
- Offline programming
- Process control
- Performance and continuous improvement solutions
- Capacity planning
- Production scheduling/planning
- Product technical applications and capability
- Technical sales and marketing support
- Product development and innovation
- Engineering drawing
- Purchasing and/or supply of goods or services for engineering activities
- Quality control
- Inspection and e-commerce technologies as required

Product Design & Development Technician

Product Design & Development Technicians primarily work on all stages of product creation and modification. They support activities ranging from early concept feasibility, design and development stages right through to final preparation for launch and customers. This may include:

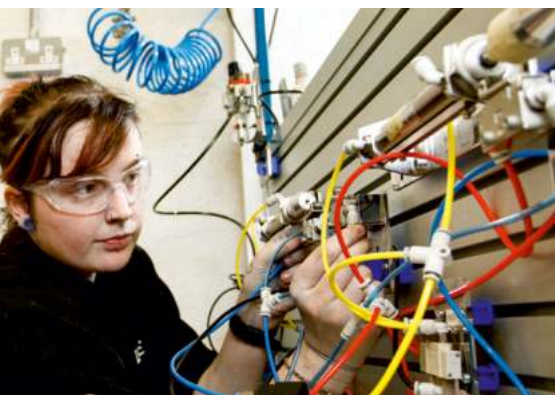
- Working in a research and development environment
- Rapid prototyping
- Assembly and testing
- Validating and analysing performance
- Problem solving
- Material applications
- Manufacturing techniques



Not sure what's best for you?

Visit our website and answer a few simple questions to identify which apprenticeship pathway may be suitable for you.





C'mon Girls!

Each year we see an increase in the number of female apprentice engineers train with us, but we would love for it to be much higher.

Our employer partners recognise and welcome the benefits of a diverse and inclusive workforce.

Visit wes.org.uk to read about inspirational women in engineering.



Bailey's Journey

"I completed one year at Sixth Form and decided I needed a change from classroom learning. An apprenticeship with hands-on learning was far more appealing, so I applied to MGTS and secured a Manufacturing Apprentice position with Amtico Flooring.

At first, I did stress about the academic side, not knowing if I was smart enough or good enough but the support from MGTS tutors and my fellow apprentices helped immensely. Having previously struggled with Maths I knew that the BTEC element would be difficult, but I persevered and challenged myself to complete a HNC in Engineering, which I passed with a Distinction in Maths.

My apprenticeship has taught me many skills including time-management and organisation, but the main area of improvement has been communication. By gaining experience in many different departments at Amtico (Health & Safety, CAD, Quality, Manufacturing, Despatch, Engineering, Logistics) I have been able to develop both my verbal communication skills and report writing.

These skills have transferred to my personal life. Alongside training young female footballers, I write Match Reports after every football game I take part in for Rugby Borough Women's team, which are published in the local paper.



As well as receiving the Advanced Apprentice Graduate Award from MGTS, Bailey was selected as one of 19 finalists out of 22,000 from across the country for the GTA England Apprenticeship Awards.

Taking on this apprenticeship has been the best decision I have made so far in my life. I am now career driven with goals and ambitions set for the future. I am a full-time Engineering Project Technician, a part of the Engineering Council and an Engineering Technician member of the IET."

Congratulations to Bailey on her achievements!

A selection of MGTS apprenticeship partners...

TRIUMPH 

QUARTZ 



TGW
LIVING LOGISTICS

JDE

 **METTIS**
GROUP

CARLSBERG MARSTON'S
BREWING COMPANY

 **MOLSON
COORS** beverage
company



R
RICARDO

**P
E
L**
better
through
design

 **PEPSICO**



 **Morrisons**
Since 1889

L **LEAR**
CORPORATION

amtico
flooring

Warburtons

UNIPART

3P
innovation

 **CRANSWICK** plc
Great British Taste

TL **Thorlux**
Lighting



 **KELLER**

Greencore 

TRI **TRTLIGHTING**
ROAD & TUNNEL SYSTEMS

KraftHeinz

ArdaghGroup 

 **DENNIS EAGLE**

ENGEL

 **HEINEKEN**

IR **Ingersoll Rand**



 **BACHY SOLETANCHE**

HELLER



 **Expert
Technologies
Group**

 **PNEURIDE**

ips



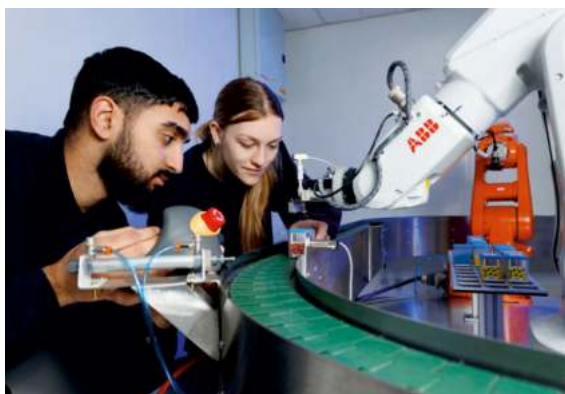
Employer Testimonial

"RS Components has relied on MGTS for the last 5 years to provide high quality apprentice selection and training.

A visit to their Coventry Technical Centre was impressive; the facility is both modern and technically advanced and you can just feel the buzz of the students.

We have a passionate and dedicated Training & Development Adviser that regularly visits our apprentices on our site, and monitors their logbooks and progress and gives us feedback on skill gaps or quality of documentation. Our journey through the Apprenticeship Pathway has been smooth, simple and effective thanks to MGTS."

FRANK
Facilities Manager



Apply Today!



We would love to hear from you if you have or are predicted to gain: 5 x GCSEs (or equivalent).

Grades must be A*-C / 9-5 for Maths and A*-C / 9-4 for English, a Science and two other subjects.



We also welcome applications if you have completed AS, A Levels or BTEC National in Engineering and are looking for a challenging and rewarding career.



Simply visit www.mgts.co.uk or scan the QR code on the back page to find out everything you need to know about an apprenticeship in Advanced Manufacturing Engineering and view our current vacancies.



Can't see the right vacancy for you? Simply complete a general application for either Coventry or Redditch. We'll then discuss suitable vacancies with you as they arrive with us. Only one application is required to be considered for multiple vacancy opportunities.



Follow us on social media to be the first to know about new opportunities:



@MGTSLimited



@MGTS1966



@MGTSApprentices



@mgtslimited



Get in touch...

Our Apprenticeship Recruitment Team is on hand for information, advice and guidance:

t: 024 7663 0333

e: recruitment@mgts.co.uk



Supporting you every step of the way

During your apprenticeship, our Learner Support Team will work closely with learners to offer pastoral care. The team also offer support with specific learning difficulties and health issues.

Specialist support can be offered, as and when required. This may include signposting a learner to qualified professionals. Alongside our dedicated Learner Support Team, our training staff have a wealth of experience in supporting our learners, from day to day workplace issues to more serious problems.

Our learners can feel confident that we provide an environment in which they should feel safe, secure, valued and respected.



www.mgts.co.uk

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