

### JOIN US IN **SIXTH FORM**

## SIXTH FORM INFORMATION BROCHURE





SCIENCE, TECHNOLOGY, ENGINEERING AND MATHS



#### **OUR ACADEMY**

WMG Academy for Young Engineers Coventry is a University Technical College (UTC) specialising in engineering for students in Year 9, 10, 11, 12 and 13. Opened in 2016, the academy boasts unrivalled industry standard equipment in a purpose built Engineering Hall which showcases over £2 million of specialist equipment and ICT.

The Coventry academy has thrived and expanded since opening and currently has over 500 students on roll.



Dedicated ICT facilities include three state of the art CAD suites, an electronics room with access to the latest industry standard software, as well as a Chromebook issued to every individual student.

These facilities in conjunction with specialist teaching staff allow engaging and innovative teaching and learning through digital technologies. The building is also designed with 'make and do' areas and 'break out spaces' that allow flexible learning spaces to mirror the world of work.

#### **WELCOME**

WMG Academy Coventry is an exciting school created to develop tomorrow's engineering and technology specialists. The curriculum is well supported by local and national STEM employers who provide the 'world of work' experience to reinforce the skills learnt in the academy.

#### **CEO, STEWART TAIT**

As the Principal of WMG Academy, I am extremely proud to welcome you to an educational establishment that focuses on preparing our young people for the world of work or continued education at university. By developing business-like, business led behaviours and offering opportunities with potential future employers, we are confident that the young people in



our care develop the skills required for their next steps. The Academy places a particular focus on STEM (Science, Technology, Engineering and Maths) and offers a range of courses that enable learners to access a variety of career pathways. Please take a look at the STEM curriculum we have to offer and the wonderful opportunities available to all our young learners both inside and outside the classroom. **ASSOCIATE PRINCIPAL, ADELE WALLIS** 

As the Lead for Key Stage 5 I focus on two key areas for every student who joins us in Sixth Form. My goal is success for every student, and supporting student wellbeing during their time with us. This is only achieved through collaboration with our students, teachers, the pastoral team, and

parents/carers. We aim to equip students with the academic knowledge and employability skills needed to succeed in their future pathways. I am proud to say that each year we teach and work with a new cohort of young adults who go on to be a credit to society, workplaces, and academic institutions.





#### WHAT MAKES WMG ACADEMY SPECIAL?

We ensure that our learners have high aspirations that provide the motivational drive to succeed. Strong employer, further and higher education links, as well as a professional ethos and culture, ensure our learners will be in demand from employers.

Our close partnerships with major regional employers have enabled us to design a curriculum that cultivates a professional mindset and work culture from the outset. We emphasise collaborative learning, allowing students to develop the skills highly prized by employers. Our focus extends beyond academics to nurture essential workplace attributes such as teamwork, problem-solving, creativity, leadership, effective communication, resilience, and adaptability. As educators, we strive to exemplify these skills and behaviours in our daily interactions, providing a living model for our students to emulate.



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#### **CORE VALUES**

#### RESPECTFUL

At WMG Academy, our learners practice courtesy and professionalism, valuing each person's contributions. Respect is shown through active listening, open communication, inclusivity, and fostering trust to build a cohesive team.

#### **PROFESSIONALISM**

We expect learners to consistently demonstrate professionalism through reliability, clear communication, proper attire, collaboration, adaptability, accountability, and punctuality, fostering a positive learning environment and academy success.

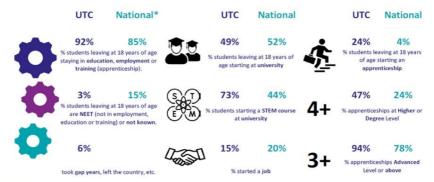
#### **ASPIRATIONAL**

WMG Academy learners set high goals for personal and professional growth. With ambition and dedication, they strive for skill development and academic excellence to achieve their future ambitions.

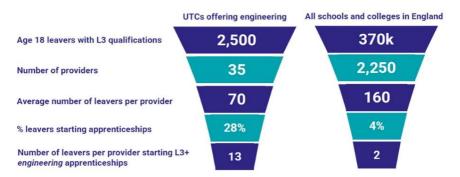


WMG is part of the UTC network and the Baker Dearing Trust. The UTC network was set up in 2006 by Lord Baker who wanted a better provision for technical education; there are now approximately 50 UTC's across the country. The infographic below highlights how UTCs enhance students' skills, improve their employability, and support their future destinations.

#### UTCs achieve outstanding student leaver destinations at 18



#### **UTC** track record with engineering apprenticeships



#### Skills and employability crisis

70% of parents believe primary and secondary education doesn't teach children about the real-life application of the subjects they learn about – IET Engineering Kids Futures (2022)

Muddled policies putting UK's lead in creative industries at risk, peers warn

Report criticises indifference to sector's potential and calls for new approach to address skills shortages

Employers struggle to fill digital vacancies as only one in 10 workers possess the skills, report finds

Why are young people not prepared for the jobs of the future?

The UK is ranked 64th globally in skills ∞ development

 $Experts \ say \ skills \ shortage \ stems \ from \ rapidly \ evolving \ technology \ and \ the \ structure \ of \ the \ UK \ work force$ 

NHS staff shortages in England could exceed 570,000 by 2036, leaked document warns

Exclusive: workplace plan sent to ministers says deficit will rise rapidly from current 154,000 if current trends continue 81% of UK bosses say digital skills gap is hurting business

#### **T-LEVEL**

## TECHNICAL QUALIFICATION IN ENGINEERING, MANUFACTURING, PROCESSING & CONTROL AND DIGITAL SOFTWARE DEVELOPMENT

#### **OVERVIEW OF THE COURSE**

T-Levels are new courses which will follow on after GCSEs and will be equivalent to three A Levels. These two-year courses have been developed in collaboration with employers and businesses so that the content meets the needs of industry and prepares learners for the world of work.

#### Technical qualification scheme of assessment overview

Core Component - Learners	must complete all assessment	components				
Assessment component	Method	Duration	Marks	Weighting	Marking	Grading
Exam paper 1	Externally set exam	2.5 hours	100	35%	Externally marked	This component will be awarded on the grade scale A* - E
Exam paper 2	Externally set exam	2.5 hours	100	35%	Externally marked	
Employer-set project	Externally set project	15.5 hours	90	30%	Externally marked	
Occupational Specialism Co	omponent - Learners must com	plete <b>one</b> asses	sment comp	onent		
Assessment component	Method	Duration	Marks	Weighting	Marking	Grading
Fitting and assembly technologies	Externally set assignment	25 hours 15 minutes	90	100%	Externally moderated	

T Levels in Engineering, Manufacturing, Processing and Control and Digital Software Development provide students with the technical knowledge and hands-on skills employers need. From designing and maintaining complex engineering systems to creating and developing innovative digital solutions, these pathways combine classroom learning with industry placements, preparing students for high-demand careers or further study.



#### **DESTINATIONS**

We are immensely proud of our student destinations, which include degree-level apprenticeships, university study and direct entry to engineering jobs. Here are some of our most recent destinations.

#### **Engineering apprenticeships**

JLR - Level 3 engineering apprentice
JNP - level 6 engineering apprentice (degree)
Aston Martin - Level 3 engineering apprentice
WMG (University of Warwick) - Level 4 engineering apprentice
BAE Systems - Level 6 engineering apprentice (degree)
Siemens - Level 3 aerospace apprenticeship















#### **Higher Education destinations**

University of Warwick (Engineering, Maths and Statistics)
University of Bristol (Psychology)
University of Nottingham (Financial Mathematics)
University of Sheffield (Physics)
University of Leeds (Interdisciplinary Science)
University of York (Computer Science)

#### **SUCCESS STORIES**



Jesse M studied BTEC Applied Science Triple, achieving Distinction\* Distinction\* Distinction\*. He has secured a place at the University of Nottingham to study a degree in Pharmacy.



Priyanka H studied A Level Physics (grade A\*), A Level Mathematics (grade A\*), and CTEC Engineering (Distinction\*). She has secured a place at the University of Warwick to study a degree in Automotive Engineering.



Maaheem J studied CTEC Engineering (Distinction\*), A Level Mathematics (grade A\*), and A Level Physics (grade A). He has secured a place at the University of Warwick to study a degree in Mechanical Engineering.



Jahnavi Y studied A Level Mathematics (grade A\*), A Level Further Mathematics (grade B), A Level Computer Science (grade A), and A Level Physics (grade A). She has secured a place at Coventry University to study a degree in Computer Science with Artificial Intelligence.

#### **ENRICHMENT**

Enrichment activities support wider development through teamwork, sport and engineering. All students are offered the opportunity to engage in a range of enrichment activities at WMG 6th form, including STEM challenges From Engineering Companies. .



Each year our talented students engaged in a company led STEM project called Mission: Sustainability. This project is designed to support their future careers, taking part in a hands-on renewable energy exercise and had insightful discussions with our leadership team to gain a valuable insight into working life at Enzen Global Solutions.

Mission: Sustainability is an award winning community partnership which Enzen first launched in 2020 to inspire young people to pursue STEM careers, and demonstrate how their creativity and collaboration can make a real difference to the future of our planet. This past year Enzen challenged our KS5 Engineering students to create innovative solutions for how AI can build a more sustainable world.

#### SUPPORTING BUSINESS PARTNERS











**Balfour Beatty** 















SQUIRES MEGGITT



### Be More Than a Student. Be Career-Ready.

- Specialist Sixth Form Focus only on courses that set you up for real careers and uni routes. No time wasted!
- Industry Links Partners like JLR, Warwick Uni & top employers give you a head-start other schools can't.
  - Work Experience Built-In Not just theory, but hands-on projects employers actually notice.
- Proven Success High progression rates into apprenticeships, Russell Group unis & degree-level careers.
- You're Treated Like an Adult No uniform, professional culture, and independence from day one.
- Specialist Teachers Experts who actually work in the field, not just teach about it.
  - State-of-the-Art Facilities High-tech labs, workshops, and creative spaces you won't find in most schools.
  - Small, Friendly Community Everyone knows your name; you're not just another student number.
- Fast-Track to the Future Whether it's uni, apprenticeships, or straight into industry, you'll leave with a plan.

# APPLY TODAY Future You Will Thank You! Applications close 31st January 2026



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