Digital and Cyber Security at UTC Swindon

UTC Swindon is a STEM focused University Technical College (UTC) located in Swindon Wiltshire. Opened in 2014, the school and sixth form, educates students aged 14 to 19 years old and specialises in Engineering and Digital Cyber Security. Like all UTCs, UTC Oxfordshire is funded by the Department for Education (DfE) and is licenced by the Baker Dearing Trust as a secondary mainstream school.



Our aim is to become a world-class centre of excellence in Engineering and Digital subjects including Cyber security. Our

students are already well known for having the skills, attitudes, behaviours, knowledge and experience that the world's leading employers are looking for. With strong connections with more than 40 industry partners, including Network Rail, BMW, DSTL, The National Grid and Wessex Water, our students benefit from great opportunities for employment and sponsorship. UTC Swindon students have secured places at universities to study Computer Science, Engineering and Technology as well as Gaming design. Most students obtain well sought-after higher and degree apprenticeships with companies including BMW, Scania Airbus and Bae Systems to name just a few.

We are very proud to have recently been awarded the Bronze Award as a Cyber First School by the National Security Council. This is formal recognition of our commitment to providing a structured approach to excellence in cyber security education. Through this we are recognised as offering students something truly special. Our employer connections, focused curriculum and opportunities to work on 'real world' problems, combined with our hi-tech facilities attracts students from all over the area with some travelling long distances to attend the school. We strive to create a workplace atmosphere to prepare our students for the world of work, including a business dress code, a longer working day and first name terms with staff to develop a team atmosphere.





Students work closely with local employers and we are lucky that the region is home to a large number of digital, engineering and technical-based companies. This employer interaction, which takes place in the form of masterclasses, placements and project work, ensures students gain the employability skills needed for jobs in the technical sector, and may even connect with their future employer.

Employers regularly say that our students come to interviews with skills other young people just don't have. This is proof that the education provided by technical schools, like ours, are important for the economy in terms of creating a pipeline of talented young people ready to fill skills gaps in vital technical and scientific industries.

All Key Stage 4 (Years 10 and 11) students study the three separate sciences as part of the core curriculum, with the opportunity to specialise further with our choices in the digital curriculum which includes Systems and control, e-sports or GCSE Computer Science. All students study NCFE level 2 Engineering as part of their specialised curriculum.

At Key Stage 5 (Years 12 and 13), students have the choice of A Level Biology, Chemistry and Physics or a Level 3 BTEC Extended Diploma in Engineering. All sixth form students study a level 3 Mathematics qualification to support their Programme of study in the form of either A-level Mathematics or Core Maths. Students can mix and match their A-levels from a further choice of Computer Science, e-sports and Cyber security and English A-level.

Equipped with cutting-edge facilities including a dedicated engineering workshop containing industry level machinery, welding bays and driving simulator, UTC Swindon remains committed to shaping the digital technologists and engineers of tomorrow.



