

T LEVEL DIGITAL PRODUCTION, DESIGN & DEVELOPMENT: DIGITAL PRODUCTION

Subject Area
Student Type
Study Mode

Digital & IT
Students aged 16-18
Full Time

What is the course about?

Our new and exciting T-Level in Digital Production, Design and Development is suitable with a keen interest in computing and IT, especially those wanting to gain industry experience whilst studying towards the equivalent of 3 A Levels.

The course is delivered by expert teachers and industry specialists. The programme will develop your skills, knowledge, and understanding in a variety of topics, including, problem solving, programming, emerging technologies, legislation, business context, data, digital environments, and security.

Throughout the course you will develop extensive skills and knowledge through a blend of classroom teaching and industry placement, fully preparing you for your next steps into highly skilled employment, higher education or an apprenticeship.

Why should I choose the course?

This T-Level programme is written in collaboration with our expert computing and IT teaching team, industry links and employers. Through a blend of classroom working and an extended industry placement, you will be fully prepared for a highly successful career within the computing industry.

You will develop knowledge and understanding of concepts, theories and principles relevant to a wide range of computing and IT jobs that are emerging in the industry.

You will develop a wide range of practical application of skills, both within the classroom setting, and within an extended industry placement. You will be fully equipped for your next steps whether it is employment, apprenticeship, or a higher education course.

You will learn in our state-of-the-art fully equipped workshops. Our classrooms have the latest industry relevant technology and equipment.

What will I learn?

You will develop skills and knowledge in a wide range of topics including:

- How digital technologies impact business.
- The ethical and moral implications of digital technology.
- Using data in software design.
- Using digital technologies to analyse and solve problems.
- Digital environments, including physical, virtual and cloud environments.
- Emerging technical trends, such as internet of things (IoT), artificial intelligence (AI), augmented reality (AR), blockchain, 3d printing.
- Legal and regulatory obligations relating to digital technologies.



**Warrington
& Vale Royal
College**

Warrington Campus
Winwick Rd, Warrington WA2 8QA

 wvr.ac.uk

 01925 494 494

Winsford campus
Weaver St, Winsford CW7 4AH

 learner.services@wvr.ac.uk

- The privacy and confidentiality of personal data.
- The technical, physical and human aspects of internet security.
- Planning digital projects.
- Testing software, hardware and data.
- Digital tools for project management and collaboration.

There is an opportunity to specialise and can include:

- Analysing a problem to define requirements and acceptance criteria aligned to user needs.
- Designing, implementing, and testing software.
- Changing, maintaining and supporting software.
- Creating solutions in a social and collaborative environment.
- Discovering, evaluating, and applying reliable sources of knowledge.
- Applying ethical principles and managing risks in line with legal and regulatory requirements when developing software.

What will the course lead on to?

The course will fully equip you to progress onto a wide range of higher-level apprenticeships, degree courses, and employment pathways including software engineering, computer programming, computer games testing, computer games development, e-learning developer, and user experience (UX) designer. Salaries in computing are competitive with salaries reaching £60k for software engineering and computer programming.

Are there any links with industry and university?

You will complete an extended industry placement, equivalent to 315 hours over two years. Whilst it is beneficial for you to self-source your own industry placement, you will have the support of an industry placement officer to provide the extra help in finding relevant industry placements if required. Within the placement you will apply your classroom-based skills and knowledge within an industry environment, giving you the experience to better prepare you for future employment.

What support is available?

You will be allocated a progress coach who will provide you with support to help you succeed on your study programme and progress on to your chosen career or progression path. We have a team of staff dedicated to providing learning support if required, as well as a Welfare Team that is on hand to offer guidance, support and help when needed. Additionally, eligible students can access a wide range of finance and funding support to help them during their time at college.

Click here for learning support: <https://wvr.ac.uk/college-life/learning-support>

Click here for finance support: <https://wvr.ac.uk/college-life/financial-support>

Why should I choose to study the course at Warrington & Vale Royal College?

This course is delivered by our expert teachers and is designed in collaboration with industry and employers. It is delivered within our Advanced Creative and Digital Skills Centre at our Warrington Campus, with state-of-the-art computing facilities including all the very latest industry relevant tools and equipment and emerging technologies.


The unique blend of classroom delivery and industry placement will fully prepare you for your next steps, whether that be into highly skilled employment, higher education or onto an apprenticeship.



**Warrington
& Vale Royal
College**

Warrington Campus
Winwick Rd, Warrington WA2 8QA

 wvr.ac.uk

 01925 494 494

Winsford campus
Weaver St, Winsford CW7 4AH

 learner.services@wvr.ac.uk

What are the entry requirements?

You will need a minimum of five GCSEs at grade 4 or above, including English and maths, or you will have needed to have successfully completed a Level 2 course and have GCSE English and maths at grade 4 or above.

Are there any additional costs associated with the course?

There may be costs associated for clothes that are associated with industry placements, additionally there may be costs associated with trips and externally sourced workshops. This will be communicated with you when applicable and as directed by your teacher.



**Warrington
& Vale Royal
College**

Warrington Campus
Winwick Rd, Warrington WA2 8QA

 wvr.ac.uk

 01925 494 494

Winsford campus
Weaver St, Winsford CW7 4AH

 learner.services@wvr.ac.uk