Computing and Digital

T Level Technical Qualification in Digital Software Development

Campus: Rotherham College
Code: R04TP02
Level: 3

About This Course

The T Level Technical Qualification in Digital Software Development is a two-year technical study programme, designed with employers to give young people the skills required in industry. The study programme will provide a mixture of technical knowledge and skills specific to their chosen industry or occupation and an industry placement of at least 45 days in their chosen industry or occupation.

Studying the Digital T Level, learners will be able to develop core skills such as communication, team working, reflective practice, research methods and presentation skills.

What Will I Study?

Core component: during the 2-year programme, students will learn the core knowledge and skills that are needed for entry to a range of digital occupations.

- 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
- 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
- Occupational specialism component: in addition to the core content, each student will also develop skills in digital production, design and development.

The content will 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

Studying the Digital T Level, learners will be able to develop core skills such as communication, team working, reflective practice, research methods and presentation skills. English and mathematics content are embedded and contextualised within the digital qualification content.

Industry Placement â?? learners will be required to undertake an industry placement for a minimum of 45 days (315 hrs)

Why Study Here?

We provide state of the art facilities, close links with employers to ensure you develop the knowledge and skills needed in industry, excellent teaching from specialist staff and a small cohort so you will have a high level of support during your time with us.

Entry Requirements

Five GCSEs at grades 4 or above including GCSE English and Maths at grade 5

How To Apply

You can apply using our online application form and clicking the **Apply Now** button at the top of this page.

For more information support with your enquiry or application please contact Student Services by emailing info@rotherham.ac.uk or by calling **01709 362111**.

What Courses Can I Progress Onto?

Students who achieve this qualification could progress to the following, depending on the chosen Occupational Specialism:

- Skilled Employment
- Higher Education
- Degree Apprenticeship

Tuition Fees

16-18 year olds do not need to pay course fees

If you need further advice or guidance please contact the Enquiries Team on **01709 362111**

PLEASE NOTE

We make every effort to ensure information within our online course directory is accurate and a true representation of the courses we are offering in 2027-28. However, we do reserve the right to make changes if necessary.

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