Computing and Digital

T Level: Digital Software Development

Campus: North Notts College - Worksop Campus
Code: W04TP04
Level: 3

About This Course

T Level in Digital Production, Design and 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 businesses

- 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 – learners will be required to undertake an industry placement in a for a minimum of 45 days (315 hrs)

Why Study Here?

- Learn from experienced staff with a range of specialist skills
- Use industry standard software and equipment to learn and develop your computing skills
- Learn through practical coding and developing solutions
- Use a range of hardware and electronic equipment to bring your programming skills to life
- Take part in challenges and code clubs to enhance your skills and prepare yourself for future studies or work
- Brand new facilities with top of the range equipment
- A chance to enter world skills events and test your programming skills against others
- As part of this course you will work in industry with a specialist employer in the industry

Entry Requirements

Grade 5 in maths and English, GCSE computing an advantage or experience of programming.

How To Apply

You can apply using our online application form and clicking the **Apply** button at the top of this page. For more information support with your enquiry or application please contact Student Services by emailing contact@nnc.ac.uk or by calling **01909 504500**.

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

Those aged 19 or over may not need to pay fees depending on their circumstances. Find out if you qualify for help with fees [https://www.nnc.ac.uk/information/student-support/finance/course-fees/] . If you need further advice or guidance please contact the Enquiries Team on **01909 504500**.

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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