



T LEVELS:
DIGITAL



WHAT ARE T LEVELS?

T Levels are a new Level 3, two-year technical programme that provide you with a high-quality alternative to A Levels. They have been developed in collaboration with employers, and combine theory, practical and classroom learning with a minimum 45-day industry placement. If you opt to take a T Level you will spend 20% of your time on an industry placement and 80% in the classroom.

After completing the course you can progress directly into work, on to a Higher Apprenticeship or study a university degree, as T Levels are awarded UCAS points.

From September 2021 we will be offering the following T Levels in Digital:

- ⬆ Digital Production, Design and Development in partnership with Silverchip
- ⬆ Digital Business Services in partnership with Lloyds Banking Group

These subject areas have been chosen not only to give a wide variety of choice to our students but also to align with anticipated high demand skill areas for Greater Manchester and the wider North West region in the coming years.



WHO CAN STUDY A T LEVEL?

T Levels can be studied by any young person aged 16-18 and students up to age 24 who have an Education, Health and Care Plan (EHCP).

If you are interested in taking a T Level you will need to achieve the below entry requirements:

- ⬆ Minimum of five GCSEs at Grade 4 or above including English and maths
- ⬆ Existing qualification in Digital (desirable)
- ⬆ Attend an interview
- ⬆ Attend our Summer School

If you don't quite achieve these grades and would still like to pursue a T Level there is the option of a one-year **Transition Programme**, which will then allow you to move on to a T Level the following year and gain a qualification at the same time*. Additionally you may still be accepted on a T Level if you successfully complete the Summer School programme and interview regardless of achieved grades.

We offer the following T Level Transition Programme as part of our Industry Excellence Academy:

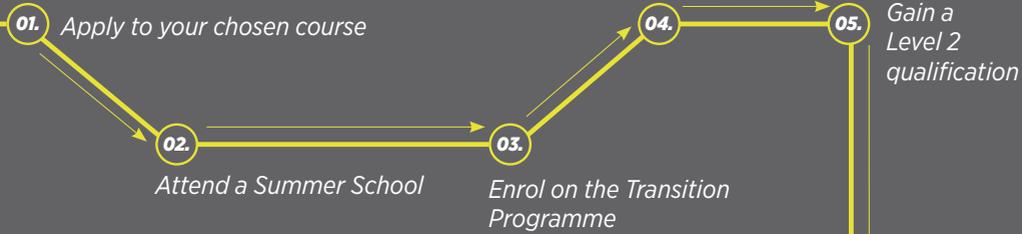
- ⬆ Cyber Skills for the Digital Age in partnership with IDT

*Subject to meeting the course requirements.



TRANSITION TO T LEVELS

YEAR 1

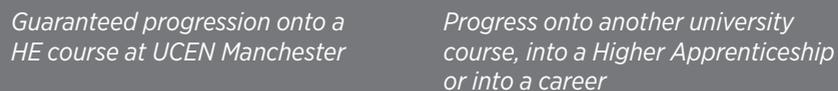


YEAR 3



YEAR 2

YEAR 4



SUMMER SCHOOL

Both T Levels and Transition Programmes require completion of our Summer School programme as an entry requirement.

Summer School is a three-week online introduction to our Industry Excellence Academy, T Levels and T Level Transition Programmes where students can meet their teachers and experience what online learning at The Manchester College is like.

Students will take part in a project based learning experience to demonstrate their creativity, teamwork and problem solving skills, as well as their resilience, timekeeping and commitment.

The programme is designed to inspire students to think like computing professionals, digital specialists and system analysts through a range of project-based learning challenges.

Topics covered on the Summer School include:

- ↑ How to decompose a computing related problem
- ↑ How to investigate and design algorithms
- ↑ Following industry standard practices to produce a project proposal
- ↑ Windows hacks
- ↑ Cryptography
- ↑ Introduction to computer hacking





OUR COURSES

Our courses have been co-developed and are co-delivered by our industry partners to meet the needs of industry and prepare you for work in the sector.

Alongside your studies, you'll undertake a minimum 15-day (Transition Programme) or 45-day (T Level) industry placement, as well as having regular guest speakers, workshops from industry experts, working to live briefs and more. You'll also be assigned a specialist employability tutor to support and prepare you for the world of work.

All our courses will enable you to develop a general understanding of the digital sector, 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
- ⤴ 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.

THE MANCHESTER COLLEGE **T** AWARD

Those successful in gaining a place on the T Levels or Transition Programmes will be eligible for the '**T Award**', a package of benefits that includes:

- ⤴ £300 per year bursary*
- ⤴ Free branded work wear
- ⤴ Access to industry standard technologies
- ⤴ Opportunity to take part in exciting college-wide competitions
- ⤴ Minimum 20% delivery by industry experts
- ⤴ Guaranteed progression to a Higher Education course at UCEN Manchester
- ⤴ Bursary incentive if progressing to UCEN Manchester (T Levels)
- ⤴ Minimum 15-day (Transition Programmes) or 45-day (T Levels) industry placement
- ⤴ Digital upskilling
- ⤴ Masterclasses
- ⤴ And much more

*Subject to requirements including 95% attendance, positive attitude and grade profile.





T LEVEL

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**DIGITAL BUSINESS SERVICES
IN PARTNERSHIP WITH LLOYDS BANKING GROUP**

**DIGITAL PRODUCTION, DESIGN AND DEVELOPMENT
IN PARTNERSHIP WITH SILVERCHIP**

Level 3 | T Level | Nicholls campus | Two years



WHAT YOU'LL LEARN ON THIS COURSE

As well as the topics mentioned on page 7, you will also develop the knowledge and skills of a data technician:

- ⤴ Sourcing, organising and formatting data for analysis
- ⤴ Blending data from multiple sources
- ⤴ Analysing data to support business outcomes
- ⤴ Interpreting data and communicating the results
- ⤴ Discovering, evaluation in applying sources of knowledge.

WHAT YOU CAN DO WITH THIS T LEVEL

This course is suitable for anyone wanting a career in IT, specifically in areas such as IT solutions or data analysis.

You can progress into roles such as:

- ⤴ Business Systems Analyst
- ⤴ Data Technician
- ⤴ Digital Business Analyst
- ⤴ Support Systems Analyst
- ⤴ Technical Support Specialist.

Level 3 | T Level | Nicholls campus | Two years



WHAT YOU'LL LEARN ON THIS COURSE

As well as the topics mentioned on page 7, you will also learn about topics specific to digital production, design and development including:

- ⤴ Emerging technical trends, such as Internet of Things (IoT), Artificial Intelligence (AI), Augmented Reality (AR), Blockchain and 3D printing
- ⤴ Analyse a problem, understand user needs, define requirements and set acceptance criteria
- ⤴ Design, implement and test software
- ⤴ Change, maintain and support software
- ⤴ Work collaboratively in a digital team
- ⤴ Discover, evaluate and apply reliable sources of knowledge
- ⤴ Work within legal and regulatory frameworks when developing software

WHAT YOU CAN DO WITH THIS T LEVEL

This course is suitable for anyone wanting a career in software production and design.

You can progress into roles such as:

- ⤴ Web Developer
- ⤴ Web Designer
- ⤴ IT Business Analyst
- ⤴ Software Developer
- ⤴ Digital Marketer.



TRANSITION PROGRAMME

CYBER SKILLS FOR THE DIGITAL AGE IN PARTNERSHIP WITH IDT

Level 2 | Certificate | Nicholls campus | One year



ENTRY REQUIREMENTS

- ⤴ GCSE English or maths at Grade 4 with the other at Grade 3, or L2 Functional Skills in the subject not yet achieved
- ⤴ Attendance at our Summer School.

WHAT YOU'LL LEARN ON THIS COURSE

As well as the topics mentioned on page 7, you will also learn about topics specific to the information and creative technology sector, including:

- ⤴ The Online World
- ⤴ Technology Systems
- ⤴ Databases
- ⤴ Professional Portfolio
- ⤴ Networking
- ⤴ Software Development
- ⤴ Computational Thinking

WHAT YOU CAN DO WITH THIS QUALIFICATION

Progress on to one of our Level 3 T Level courses:

- ⤴ Digital Business Services in partnership with Lloyds Banking Group
- ⤴ Digital Production, Design and Development in partnership with Silverchip

CASE STUDY

MASON KELLY-SCHOLES

SCHOOL:

The East Manchester Academy

COURSE:

Level 2 T Level Transition - Cyber Skills for the Digital Age

WHAT ATTRACTED YOU TO THE MANCHESTER COLLEGE?

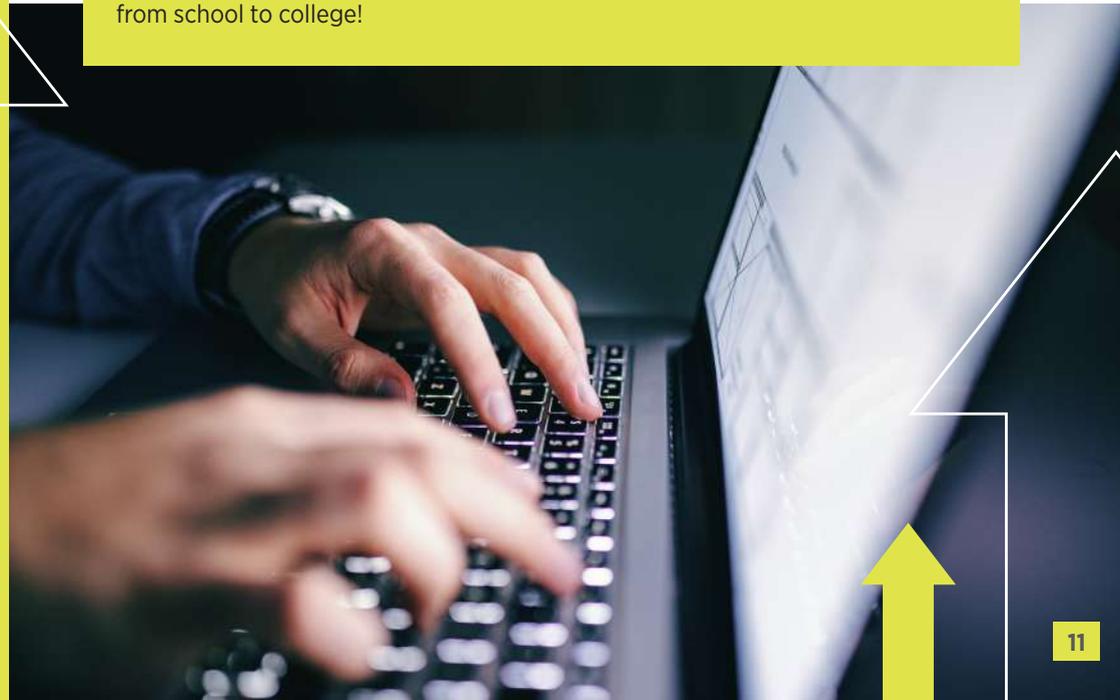
It was the course that attracted me to the College, the T Level Transition allows me to experience each area of computing before choosing what I want to specialise in.

HOW HAVE YOUR TUTORS PREPARED YOU FOR YOUR CAREER?

My tutors are helping me to prepare for the full T Level. I personally don't think I would have been ready for the Level 3 qualification if I wouldn't have completed this transition year, even if it did mean spending an extra year at college.

WOULD YOU RECOMMEND THE MANCHESTER COLLEGE?

Yes! All of the staff and students support you in having a really smooth transition from school to college!



HOW TO APPLY

To apply to any of our Level 3 T Levels and Level 2 Transition Programmes, visit tmc.ac.uk.

Successful applicants will then receive more information on Summer School enrolment.

To find out more about T Levels visit our Industry Excellence Academy website:

industry-excellence.tmc.ac.uk/t-levels

