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Computing and Digital at The Manchester College



Get career ready from day one

Our courses are designed with employability in mind, giving you real-world skills for roles in analytics, software development, support services and more - all linked to Greater Manchester's growing computing and digital sector.



Learn from industry experts

You'll be taught by experienced tutors who bring real computing and digital knowledge into the classroom, helping you understand what employers are looking for right now. Find out more about your tutors on our website: tmc.ac.uk/computing.



Experience computing and digital in action

Through work placements, employer-led projects and visits to top employers, you'll build practical experience that looks great on your CV.



Discover what inspires you

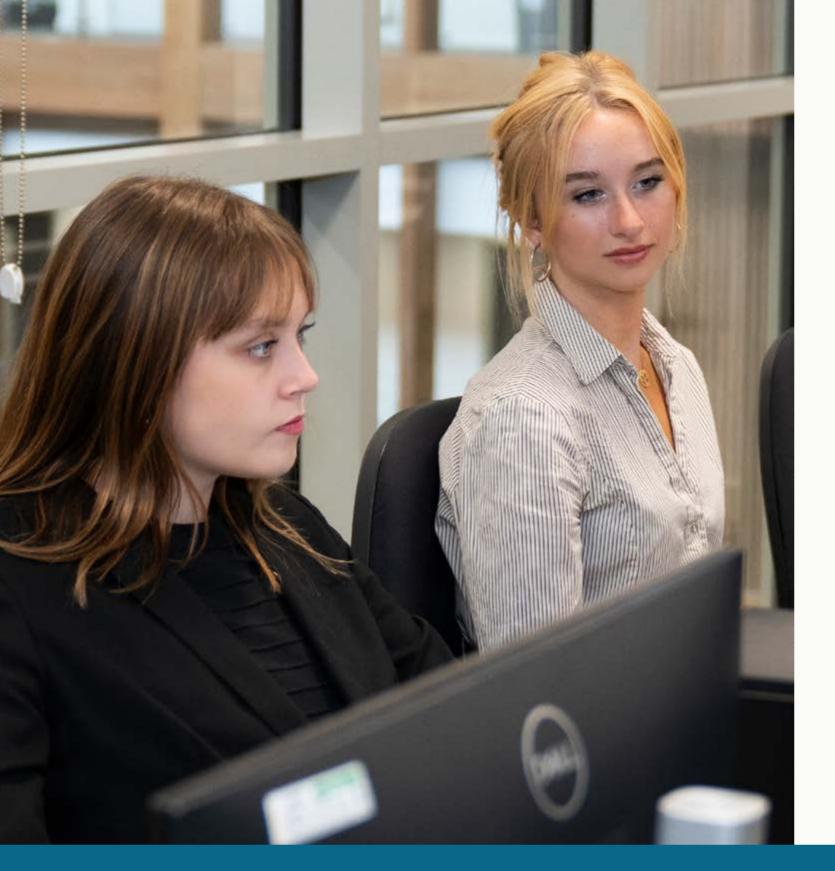
Start with a solid computing and digital foundation, then specialise in areas that match your goals and interests as you progress - from software development and cybersecurity to data analytics and technical support.



Go beyond the classroom

Take part in enrichment activities, enterprise challenges and networking events that develop your confidence, leadership and problem-solving skills - all key for success in the computing and digital sector.





Job figures



There were approx. **49,423** employees working in the computing and digital sector in Greater Manchester in 2025. This is predicted to increase by **6.7%** by 2028.



Average earnings

The average wage in Greater Manchester is £47,406 per annum (2024).



Replacement demand

Around **5,538** of the current workforce will be reaching retirement in the next 10 years, meaning those jobs will need replacing.

| Types of jobs |
|------------------------------|
| Cloud Engineer |
| Cyber Security Engineer |
| Data Analyst |
| IT Project Manager |
| IT Security Engineer/Analyst |
| IT Support Technician |
| Network Engineer |
| Software Developer |
| Systems Analyst |
| Web Developer |

| Skills needed |
|-----------------------------------|
| Agile methodology |
| Communication |
| Customer service |
| JavaScript (programming language) |
| Leadership |
| Management |
| Microsoft Azure |
| Problem solving |
| Python (programming language) |
| SQL (programming language) |

| Examples of GM Employers |
|-----------------------------|
| AJ Bell |
| Autotrader PLC |
| CDL |
| Cisco |
| GCHQ |
| Google |
| Home Office |
| IBM |
| Microsoft |
| Talk Talk Telecom Group Ltd |
| |

Data sourced from Lightcast April 2025.

Careers information





I wanted to study a T Level because it offers work experience and opportunities to meet employers. I've learned how to make a functioning network and create an ethernet cable.



DaniellaT Level Digital Support and Security

The course teachers really get in on the one-to-one action, they really can provide you personal support - they look after the students and we get good feedback.



Thomas
T Level Digital Support and Security

Where to find us

With excellent transport links, modern classrooms, and vibrant social spaces, you can study Computing and Digital courses at a number of campuses across Manchester.



- Industry standard digital and IT equipment
- Click Studio and repair lab run by students
- Grab a Starbucks or a slice from the pizza bar choose from hot and cold food options
- Hot-desk study zones
- Library with study areas, laptop loans and space for Careers and Support teams.







- Two libraries with dedicated study areas and quiet zones
- Refectory serving hot and cold food options
- Spacious social areas and large garden
- Discounted hair and beauty treatments at our salon.





- Student-run restaurant
- Spacious library with IT access and study areas
- Starbucks coffee shop and on-site refectory
- Discounted hair and beauty treatments at our salon.

Get career ready with us

We're here to help you achieve your goals and get career-ready. Our courses are designed with top employers to focus on in-demand skills.

From day one, you'll gain hands-on experience to build confidence. By the end, you'll have the qualifications, knowledge and experience to stand out and take the next step in your career.



Building your employability

To get you career-ready, you'll take part in activities that boost your skills and understanding of the world of work. You'll be supported by a dedicated Employability Co-ordinator who will support you to develop the knowledge, skills and behaviours you'll need to thrive in the workplace.

Real-world experience that counts

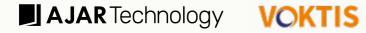
As part of your course, you'll complete work experience with an employer. We'll help you find a placement where you can:

- Shadow professionals and see how the job is done day-to-day
- Contribute to real projects that develop your skills and strengthen your CV
- **Grow in confidence** as you put learning into action.

Many of our students make such a strong impression that they even secure parttime or full-time jobs with their placement provider!

We work with leading employers to deliver our placements, including:









Discover where computing and digital can take you

We'll introduce you to a wide range of career options in the computing and digital sector through:

- Visits from employers in the industry
- Masterclasses from leading employers
- Trips, both locally and nationally, to learn what the industry is like.



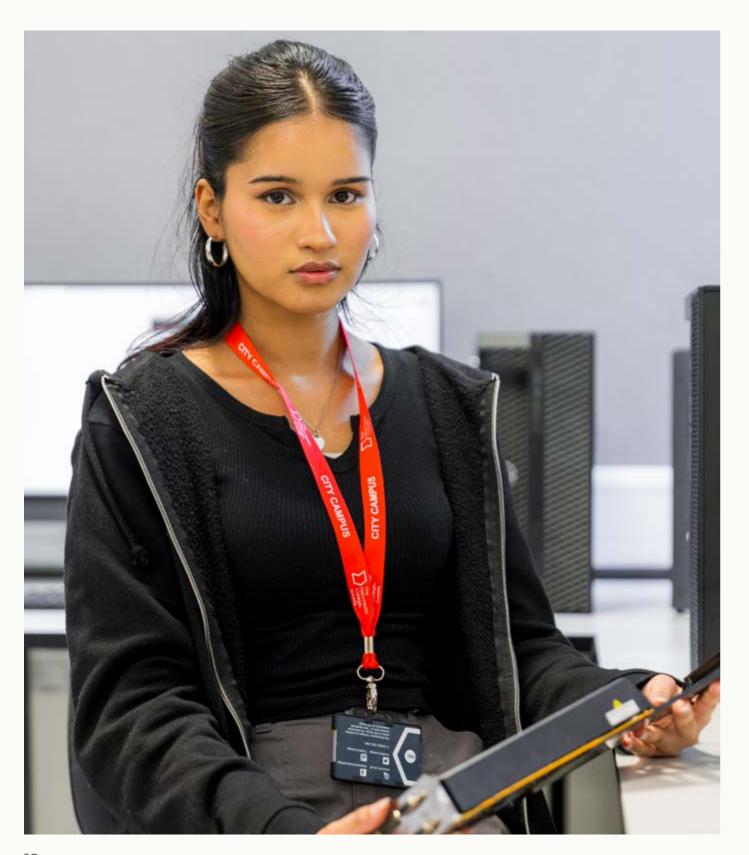


This will help you decide which path to take after your course — whether that's progressing to degree-level study with our higher education partner UCEN Manchester, starting an apprenticeship or going straight into employment.



Courses

We offer qualifications from Level 1 to Level 3, including T Levels. If you haven't already obtained a Grade 4 GCSE in English or maths, you'll study to work towards achieving this qualification.



T Level Digital Data Analytics



Level 3 | City Campus Manchester | 2 years

With demand for data scientists and digital analysts growing, this T Level prepares you for a rewarding career using data to drive decisions. You'll gain a broad understanding of digital technologies, exploring how data impacts businesses, as well as its ethical and social implications. You'll learn to model data, use tools like Tableau and Power BI, and understand digital environments, planning, security and testing. An industry placement allows you to apply these skills and build a strong foundation for your future.

T Level Digital Software Development



Level 3 | City Campus Manchester | 2 years

Developed with industry, this T Level is ideal if you're interested in careers such as software developer, web developer or digital analyst. You'll build core digital knowledge and learn to design, implement and test software, solve complex programming challenges and work with databases and websites. You'll also explore emerging technologies like AI, AR, Blockchain and IoT, and gain vital experience through an industry placement. By combining technical skills, project management and problem-solving, this course prepares you for a successful digital career.

T Level Digital Support and Security



Level 3 | City Campus Manchester | 2 years

If you're interested in cyber security or support, this T Level will give you the knowledge and practical experience to launch your career. You'll learn how organisations rely on digital technologies, exploring security, fault analysis and problem-solving to keep systems running smoothly. You'll also understand digital ethics, planning, testing and support services. After mastering the core, you can specialise in cyber security, digital support and more – gaining the vital skills to thrive in this exciting industry.

Computer Science and Digital Development

Level 3 | City Campus Manchester, Harpurhey and Wythenshawe | 2 years

Developed with industry partners, this Level 3 Computer Science and Digital Development course gives you hands-on experience while building skills in programming, web development and project management. You'll work on live briefs that mirror industry practice, gaining expertise across computer science principles, fundamental computer systems, software development, IT security and the impact of computing. You'll also explore project planning and the business applications of social media, preparing you for a successful career in the digital sector.

Cyber Skills for the Digital Age

Level 2 | City Campus Manchester | 1 year

Our Foundation Year course is a hands-on introduction to coding, networking and digital design. You'll learn programming languages like Python, C#, and VB.NET, and build websites with HTML5, CSS3 and JavaScript. You'll also explore hardware and network design in real-life scenarios, gaining experience with tools such as Visual Studio. By building a strong portfolio of digital work, you'll be ready to progress to a Digital T Level and an exciting career in the industry.

Computer Science and Digital Technologies

Level 2 | Harpurhey and City Campus Manchester | 1 year

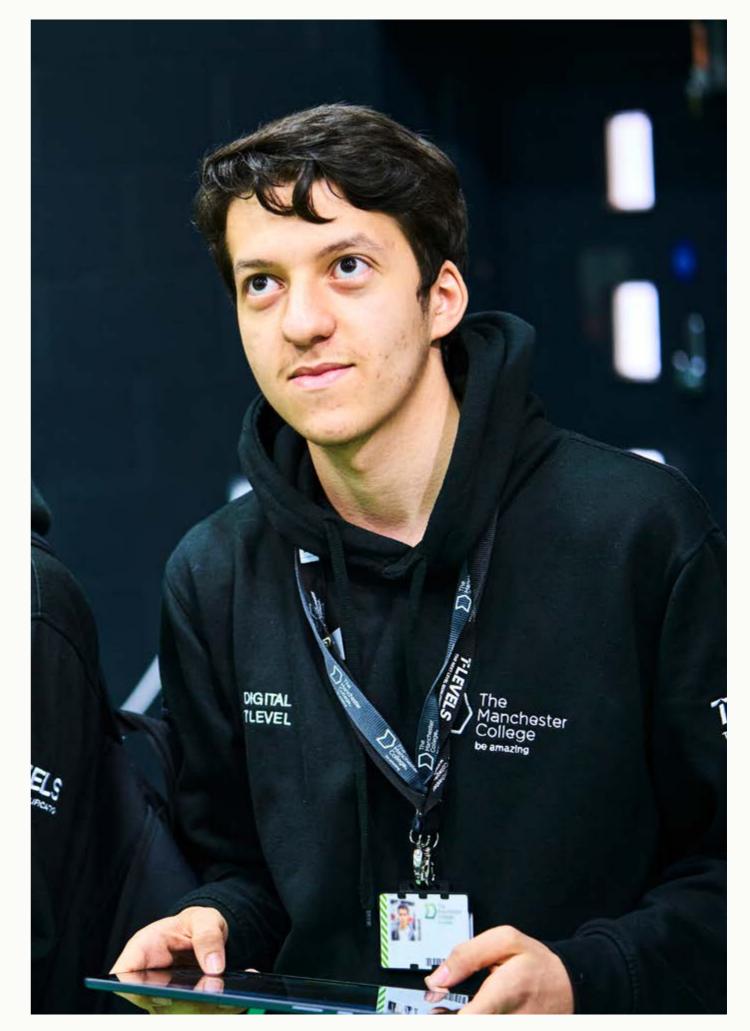
Through dynamic teaching and hands-on projects, you'll gain the knowledge and skills to meet the demands of the computing and digital industries. You'll explore networking, cloud computing and object-oriented programming, build desktop applications using Microsoft Visual Studio and .NET, and design and develop websites using HTML5, CSS3 and JavaScript. You'll also investigate current advances in technology, develop a relational database using SQL and build a strong digital portfolio to showcase your abilities and progress towards a rewarding career.

Introduction to Computing and Digital

Level 1 | Harpurhey and Wythenshawe | 1 year

Working with industry-standard tools and software, this course will help you develop the technological skills required to progress onto further study in Computing and Digital.

You'll explore a variety of transferable and sector specific skills such as organisational skills, research, progression plans and teamwork. As well as this, you will be studying Computing and Digital industry-based projects.



Courses for Adults

Are you aged over 19 and looking to upskill, retrain or progress your skills in computing and digital? We've got a wide range of courses for you to help strengthen your CV, start a new career or go further in your current role.

We believe finances shouldn't be a barrier to your success, so if you have any questions about course fees, finance or funding, then get in touch with us.



Computing Principles
 Level 3 | City Campus
 Manchester

Cisco CCNA1

- Cyber Security Practices
 Level 3 | City Campus Manchester
- Digital and IT Skills
 Level 2 | City Campus Manchester
- IT Technical Support
 Level 2 | City Campus Manchester
- Essential Functional Digital Skills
 Entry Level 3 and Level 1 | Harpurhey
- Introduction to Networks | City Campus Manchester
 Cisco CCNA2
 Switching, Routing and Wireless Connections | City Campus
- Manchester
 Cisco CCNA3
 Enterprise, Security and Automation | City Campus Manchester
- Cisco CyberOps Associate
 City Campus Manchester
- Cisco DevNet Associate
 City Campus Manchester
- Cisco Network Security
 City Campus Manchester



careers&welfare@tmc.ac.uk



tmc.ac.uk/funding





SUPPORTED LEARNING

Promoting independence through accessibility and inclusion.

Have you received learning support in the past? Do you have an Education, Health and Care Plan or an identified Special Educational Needs or Disabilities (SEND) need? Our Supported Learning team can help students with SEND to achieve their aspirational career goals.

We provide a highly personalised offer for students to create a supportive learning environment for all. Whatever course you choose to study, our provision is specifically designed to support you on your journey to independence and into further education or employment.

Find out more about how we can help you: tmc.ac.uk/supported-learning







Additional Learning Support Team: specialistsupport@tmc.ac.uk
Transition Team: transitionteam@tmc.ac.uk





DEGREE LEVEL

Once you've completed one of our Level 3 Diplomas, you'll have the opportunity to progress onto our degree level qualifications through our higher education partner – UCEN Manchester.

Fd\$c Degree / HND

This is a two-year course, that allows you to progress onto a one-year (Top-up) degree to obtain an Honours degree.

Digital Technologies for England (AI) Artificial Intelligence Solutions - 2 years

Computer Networking, Automation and Management - 2 years

Software Development - 2 years

Cyber Security (Defensive Threat Protection) - 2 years

Top-Up

This is a 1 year course for qualified Level 5 students to gain an honours degree.

Cyber Security (Defensive Threat Detection) - 1 year

Computer Networking Automation and Management - 1 year

Software Development - 1 year





I like the way they let you learn for yourself. The atmosphere is brilliant, practical and you do your research, rather than a more academic style of learning. The teachers are really good at their job, you learn directly from them about workplaces and their experiences. I would recommend UCEN Manchester.

Alex Blakeley, Computing Student

How to apply

Applying to study at The Manchester College is really easy. Just follow these steps and you'll be on your journey to amazing in no time.



What's next?

You've explored what's possible, now it's time to take your next steps.

To discover more about Computing and Digital, and to start your application, scan the QR code or visit: tmc.ac.uk/computing.



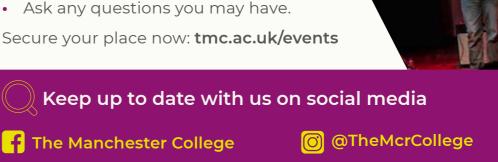


Visit us

There's no better way to get a feel for college than visiting in person.

Join us at one of our open events to:

- Learn more about our courses
- Tour our industry-standard facilities
- Meet our expert tutors



Contact Us

M @TheMcrCollege

Got a question about one of our courses, about The Manchester College or just need to get in touch? Contact us:

@TheMcrCollege

enquiries@tmc.ac.uk

03333 222 444



The Manchester College is committed to equality of opportunity, non-discriminatory practices and supporting individual learners. This information is also available in a range of formats, such as large print, on request.