

Access to HE: Computing Level 3

Access to Higher Education: Computing Level 3 is designed for people who would like to study computer science or a computing-related degree at university.

The course content focuses on the core knowledge and skills you need to successfully progress to study at degree level in your chosen subject. The teaching and learning methods will give you opportunities to develop transferable skills including:

- Teamwork
- Problem solving
- Thinking and independent study skills

The course is 1 year and scheduled over 3 days per week and will be a mixture of theory and practical lessons.

- [Sector Overview](#)

In today's rapidly evolving digital landscape, IT plays a pivotal role in driving innovation, efficiency, and success across various industries.

In 2023 the UK tech sector was valued to have a combined market value of \$1 trillion, the third country to reach the milestone. This makes the UK, and London in particular, a great place to start your digital career. At Waltham Forest College, we offer a comprehensive range of digital information technology courses that provide students with the knowledge and skills needed to excel in this dynamic field.

The top in-demand skills include those associated with data science, IT system architecture, statistics and analytics. AI and machine learning are predicted to be the next high-demand sub-sectors.

- [Entry Requirements](#)

The entry requirements for this course are:

- GCSE maths and English at Grade 4 (C) or above, or Level 2 Functional Skills in English or maths
- Interview and assessment

In addition to your Access programme, for those who have not yet achieved a Level 2 in both subjects, you will be required to enrol onto an adult English or maths Level 2 qualification in the specified subject to support your progression onto higher level study.

It is important to note that all students progressing onto university will need to have achieved a Level 2 qualifications in both English and maths, as well as their main qualification.

- [What will I study?](#)

This course consists of the following modules:

- Introduction to computer systems?
- Introduction to programming implementation?
- Optimising examination performance?

Disclaimer:

Every effort has been made to ensure the details contained in this leaflet are up-to-date and accurate at the time of printing. However, the College reserves the right to alter or cancel courses, their content, entry requirements, fees or other details should circumstances dictate.

- Computer networks?
- Preparation for higher education?
- Website design and development?
- Mathematics for computing?
- Computer data protection?
- Writing reports?
- Principles of keywords and optimisation?
- Research project for IT - methodology?
- Spreadsheets?
- Understanding?robots and control?systems?
- Javascript
- [How will I be assessed?](#)
You will be assessed via:
 - Presentations
 - Reports
 - Program design, coding & testing
 - Posters
 - Internal exams
 - Tutor observations
- [Enrichment](#)
You will have the opportunity to take part in trips and visits such as computing conferences and London ExCeL exhibitions. You will also be invited to university taster days.
Our Student Common Room is a great place to unwind and relax during your breaks. It features pool tables, table tennis, a gaming corner and lots of comfy sofas so you can refresh before your next lesson.
Themed events are held in the Common Room so you can get the best experience of being a Waltham Forest College student.
- [Work Experience](#)
You will be offered opportunities to actively engage with industry related employers and take part in experiential events to improve your personal development.
- [Progression opportunities](#)
The completion of this course will allow you to progress onto:
 - University degree
 - Employment in a range of sectors
- [Alumni](#)

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Waltham Forest College 

Waltham Forest College is a vibrant and aspirational college and will support you to reach your career aspirations. Last year 96% of learners progressed onto a positive destination either to higher levels of study, employment, or an Apprenticeship.

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