

Computing



**Tameside
College**



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Courses available:

Level 1 Computing

This is the course to begin with if you don't have much experience with Computing as a subject, but would like to begin a career in the digital industry. You will get to grips with completing coursework on a computer and using a variety of applications.

Level 2 Computing

The level 2 course contains a variety of different topics, all designed to help you flourish in a digital career. Units include The Online World and Creating A Digital Portfolio.

Level 3 Computing

This course is designed for students who aspire to work in computing industries such as software development, systems analysis, web development and video game technologies.

Level 3 Esports

This brand new specification focuses on the skills, strategies and tools needed to run and manage esports events. As part of the course you will be coaching and competing in E-Sports tournaments.



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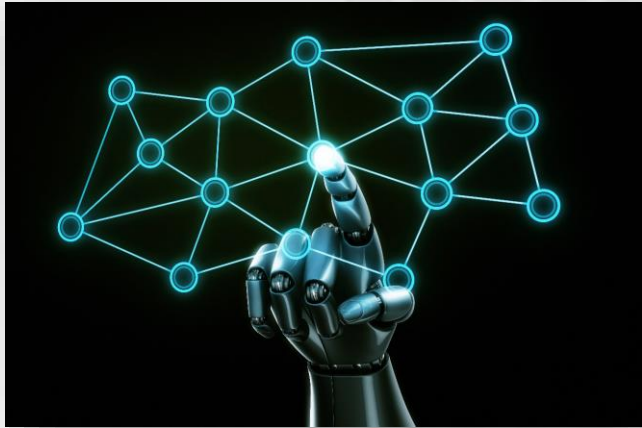
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Level 1 Computing / Level 2 Computing

Both Level 1 and Level 2 are one year courses. In Level 1 students develop their skills on the computer and develop the skills required to create a range of documents and submit them using online platforms.

On Level 2 students learn about the internet and the underlying technology that connects the planet. After this they then complete a range of units designed to increase their employability, for example by creating a digital portfolio using web design skills.



Progression routes:

Potential next steps:

- Progression to the next academic level
- Apprenticeship in computing
- Progression to the Creative Department



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Level 3 Computing

The Level 3 Computing course comprises seven dedicated units which are broken down into two exams and five coursework modules.

These include:

- Fundamentals of Computer Systems (*exam*)
- Principles of Computer Science (*exam*)
- Business Applications of Social Media
- Systems Analysis and Design
- Relational Databases
- Software Development
- Website Development



Progression routes:

Progress to the next stage of your career:

- University
(e.g. BSc(Hons)Software Engineering at Manchester University)
- Higher Level Apprenticeship
- Higher National Certificate / Diploma



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Level 3 Esports

The Level 3 Esports course comprises seven dedicated units, of which all are coursework. There are not externally assessed units.

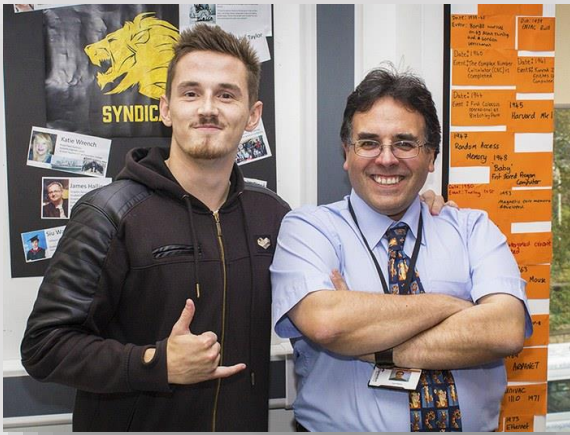
Esports units include:

- Introduction to Esports
- Esports Skills, Strategy and Analysis
- Producing an Esports Brand
- Game Design
- Business Applications of Esports in Social Media
- Enterprise and Entrepreneurship in Esports
- Launching Your Esports Enterprise

Progression routes:

Progress to the next stage of your career:

- University (e.g. BA(Hons) E-Sports at Staffordshire University)
- Direct employment in the Esports industry
- Founding an Esports enterprise



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Learning Experience:

You will receive practical experiences in one of our seven dedicated computing suites at the Tameside One campus, as well as our Esports room which contains consoles and a retro arcade cabinet. The department has also invested in technology such as VR headsets and a 3D printer.



The department also has strong industry links, and has worked with companies such as Auto Trader, Co-Op Digital, Booking.com and the N Brown Group.



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STUDENT SPOTLIGHT

Tucker Jackson

Attended: Hyde High School

Study Programme: Level 2 Computing

Progression: Level 3 Computing



Tucker's teacher said:

"Tucker is a committed, hard-working, conscientious learner who is motivated and talented in the discipline of computing."

Tucker went above and beyond to complete work to the highest standard and achieved straight distinctions in all of his units.

Tucker also participated in an industry experience workshop and was head-hunted by a computing specialist to attend an early talent development programme. Tucker is a shining example to his peers and an excellent ambassador of the college."



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