

Digital Systems and Data (IT)

V Level

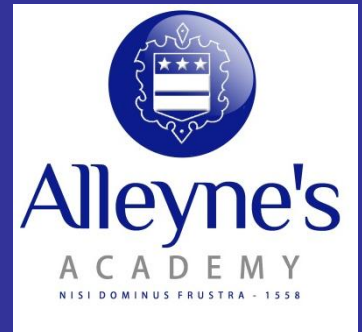
2027 - 2029



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What is a V Level?

Level 3 - Vocational qualification

- V Levels offer broad, vocational qualifications for students who want to explore different career pathways.
- Designed to be studied alongside other qualifications, such as additional V Levels, A Levels, or English and maths resits, the programme provides flexibility and choice.
- A blend of applied learning and practical assessment. Content is set nationally and linked to occupational standards, ensuring relevance to future study and work.
- An alternative to A levels

Why Choose Digital Systems and Data?

- Complements other A Levels and Applied Generals
- IT courses viewed positively by universities and employers
- Interesting and very relevant
- Equips you with transferable skills
- Independent and group working
- Practical and theory work

Structure of the IT course

- Total of four units.
- **Year 12**
 - One written exam
 - One controlled assessment
- **Year 13**
 - One written exam
 - One controlled assessment

Structure of the IT course

****The content of the units is TBC. The below units are the current units****

Year 12

- Unit 1: Information Technology Systems (exam)
 - Types of Hardware / System design
 - Operating Systems
 - Emerging Technologies
 - Networks & Ethics
- Unit 3: Website Development (coursework)
 - HTML / CSS
 - JavaScript
 - Website Design Reviews

Structure of the IT course

****The content of the units is TBC. The below units are the current units****

Year 13

- Unit 2: Cyber Security and Incident Management
 - Network Forensics and Audit Trails
 - Network Infrastructure
 - Network Hardware
 - NETWORKS!
- Unit 4: Relational Database Development
 - Structured Query Language (SQL)
 - Database Design
 - Database Analysis and Optimisation

What if I did not take IT in Year 11?

- No Problem!
- Providing you are willing to take advice and have an interest in IT in the real world, then it is not an issue.

What skills will I get if I study IT?

- You will develop good practical skills - including web design and development, database management, network security and administration plus more.
- IT is great at helping you build project management skills, and it will also encourage you to think logically in order to solve problems.
- Best of all, these are all things that potential employers are looking for.



What careers is IT good for?

- IT career options include:

Web designer, systems analyst, computer games developer and UX (user experience) developer.

- IT graduates can also seek employment in the media (broadcast engineer, multimedia broadcaster, sound technician) military (armed forces technical officer, intelligence officer, satellite technician) or finance.

What subjects does IT go with?

A Levels to accompany IT?

- Business Studies - IT is important to virtually all modern businesses.
- Sociology & Psychology - especially given the way that communication has changed, and the amount of time we spend on our smartphones and computers.
- Maths or any one of the sciences - all of which tend to complement the practical skills that come with ICT.

What about the future, after IT?

- If you're already planning to study IT at university - sorted!
- IT not your main choice as a degree subject? Not to worry, the skills are transferrable to various other courses and employment options.



- Most universities say an IT qualification can help you get accepted to study computer science, engineering, electrical engineering, business studies, surveying
- Apprenticeship? Try software, web & telecoms and creative digital media to mention just a few.

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Past 3 years:

Average Grade of Distinction
(A at A level – 48 UCAS points)

Progress score of +0.8