

V Level Digital Systems & Data

Ofsted Outstanding Provider

Course Level: Level 3

Campus: Newcastle

Subject Type: Computing, Technology & Esports

Course Overview:

The Digital Systems and Data V Level is designed for students interested in technology, data and how digital systems solve real-world problems. You'll develop knowledge of digital technologies, cybersecurity, data analysis and digital solution design, while building the analytical and problem-solving skills valued by universities and employers.

This qualification provides a broad foundation for progression to Higher Education, apprenticeships and careers across the digital sector. It is designed to be studied alongside two A Levels and combines particularly well with Mathematics, Computer Science, Business, Economics and Physics.

What's Covered:

The Digital Systems and Data V Level explores how technology and data are used to support organisations and solve problems in today's digital world.

Understanding Digital Systems:
You'll study hardware, software, networks, cloud technologies and digital infrastructure, gaining an understanding of how modern digital systems are developed, connected and managed.

Working with Data:
You'll learn how data is collected, stored, analysed and interpreted, and how organisations use information to support decision-making and improve performance.

Cyber Security and Digital Risk:
You'll investigate cyber threats, security measures and risk management, learning how organisations protect systems, information and digital assets.

Designing Digital Solutions:
Using realistic scenarios, you'll analyse user needs, investigate problems and develop digital solutions that meet organisational requirements.

Responsible Digital Practice:
You'll explore legal, ethical and environmental issues, including data protection, accessibility, sustainability and professional standards within the digital sector.

Throughout the course you'll apply your learning to real-world scenarios, developing valuable analytical, research and problem-solving skills.

New for 2027/8

Entry Requirements:

A minimum of four or more high grades at GCSE* in subjects that are relevant to the course you'd like to study, including maths and/or English Language at grade 4 or above.

**If choosing to study a V Level alongside A Level course combinations you need a minimum of five GCSEs at grade 5 or above, in subjects relevant to your A Level or A+ Programme subject choices.*

At your course discussion appointment, we will discuss your GCSE results, interests and future plans to help you choose a suitable combination of subjects.

Assessment Information:

60% Non-Exam Assessment | 40% Examined Assessment

Assessment focuses on applying knowledge and skills to realistic digital contexts. Students will analyse systems, interpret data, identify risks, design solutions and evaluate the impact of technology.

Fees and Financial Support:

Tuition Fees

This course is free for students aged 16-18.

College Maintenance Allowance (CMA)

Students from households meeting the College's eligibility criteria may be able to access financial support to help with transport, meals, equipment and educational visits.

For further information please visit:
www.nscg.ac.uk/finance

Progression:

This qualification supports progression to university, higher apprenticeships and degree apprenticeships within the growing digital sector.

Popular destinations include Computer Science, Cyber Security, Data Science, Artificial Intelligence, Information Technology and Digital Technology degree programmes, as well as pathways in software development, data analysis and cyber security.

Students will also develop transferable skills in communication, critical thinking, project management and problem-solving that are valued by employers across a wide range of industries.

What else do I need to know?

Students may have opportunities to engage with employers, industry specialists and digital projects throughout the programme.

The broad nature of the qualification makes it an excellent choice for students considering careers in technology, data, business or other digitally focused industries.

How do I find out more?

If you wish to find out more, you can contact Boo Zandu, Subject Leader, by emailing: boo.zandu@nscg.ac.uk