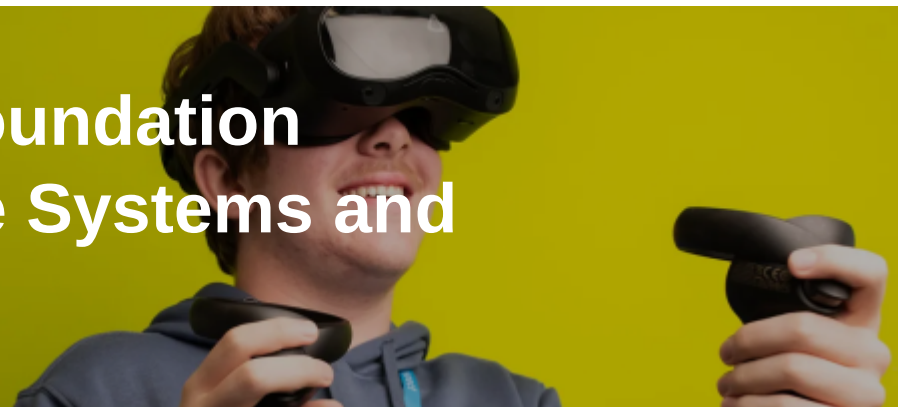
Level 2 Foundation Certificate Systems and Data



Ofsted Outstanding Provider

Course Level: Level 2

Campus: Stafford

Subject Type: Computing, Technology & Esports

Course Overview:

This is a one-year study programme that is designed to prepare students for further study to all level 3 options including V Levels, T Levels or A Levels.

Develop your IT skills with the latest hardware and software to expand your computing talent in an increasingly important industry. Choosing this pathway allows you to study the wide and varied subjects associated to IT and Computing. From computer technician to software engineer your IT career begins here.

What's Covered:

This one-year course will allow learners to apply their knowledge, understanding and skills to analyse and visualise data, configure and secure digital systems, develop and test programming solutions, plan and configure hardware and software, and use reliable digital sources to make evidence-based recommendations for a specific purpose. Including the use of Artificial Intelligence Systems.

By the end of this course, learners will develop a range of
transferable skills
that support effective problem-solving, decision-making and digital work. In preparation for their next level of study.

Activities include:

- **Planning**
  – organise tasks, manage time and resources.
  - **Data interpretation**
    – identify patterns, anomalies and relationships.
  - **Problem-solving**
    – analyse information and reach logical conclusions.
  - **Communication**
    – present findings clearly for different audiences.
  - **Investigation**
    – research sources, analyse data and test solutions.
  - **Decision-making**
    – use evidence to select and justify solutions.
  - **Self-management**
    – monitor progress, accuracy and respond to feedback.
  - **Recording**
    – accurately organise data, code, findings and documentation.
  - **Evaluation**
    – review outcomes and identify improvements.
  - **Observation**
    – monitor systems, errors, logs and alerts for issues.

Experienced lecturers will teach lessons in our specialist IT classrooms with networked PCs where you have access to hardware and the latest IT technologies.

100%

pass rate

Progress

to Level 3

Entry Requirements:

You will need 4 GCSEs at grade 3 or above, one of which MUST be English or Maths. Achievement of an ITQ Level 1, DiDA Level 1 or equivalent full time level 1 course is also acceptable and must include GCSE maths or English at grade 3 or above.

Students should also be able to provide school reports providing evidence of good attendance and effort, to support their application. If you do not have these entry requirements and are keen to join the course, we are happy to discuss your suitability during a course discussion appointment.

Assessment Information:

This course is assessed through coursework activities, external assessment across the course. There are opportunities to give presentations and to present work to an invited audience.

Fees and Financial Support:

This course is free for anyone aged 16 – 18.

College Maintenance Allowance (CMA):

Anyone with a gross household income under £35,000 can receive financial support to cover college related costs such as transport, meals, course equipment and uniform. Bursary support is based on individual circumstances and will be allocated to best suit your individual needs. A range of other financial support is available depending on your personal circumstances. For more details visit nscg.ac.uk/finance

Progression:

On completion of this course to the target grade of MM (Merit, Merit) level, you will be eligible to progress to V Level Digital Systems and Data, T Level in Digital Software Design or T Level Digital Support Systems. Subject to achieving a Merit and GCSE English/Maths.

This qualification will provide you with further experience of computing and provides an excellent point from which to launch your career or progress to university.

What else do I need to know?

In addition to studying the units, you will also complete functional skills or GCSEs in English and Maths and will be allocated directed study time. Alongside your course, you will study both English and/or Maths to improve your skills in these vital subjects by attending structured classes or completing directed study activities. English and Maths will be assessed in all of your work throughout your course.

You will undertake a minimum of 3 days' work experience to help gain valuable and employable skills to help when looking for employment following the course.

A tutor will be available to look after your personal welfare and support your non-teaching needs.

Trips will be available to students to help support the teaching on the course and external visitors will be invited in to talk about their specialism and help to motivate and encourage good progress on the programme.

How do I find out more?

If you wish to find out more you can contact the Curriculum Leader in IT/ T-Levels, Lilian Rundu, by emailing: lilian.rundu@nscg.ac.uk