

Course Level: Level 4

Campus: Newcastle

Subject Type: Computing, Technology & Esports

Course Overview:

The HNC/D in Computing offers a comprehensive curriculum designed to provide students with a strong foundation in computing concepts and practical skills. Students explore topics such as programming languages, database management and network administration. Through hands-on projects and industry-relevant assignments, students develop competencies in software development, system analysis and IT support.

What's Covered:

The HNC/D in Computing will run in collaboration with the Stoke-on-Trent & Staffordshire Institute of Technology (SoTIoT) and is designed to help learners to develop as professionals in this sector. The course is taught by experienced industry professionals and aims to develop your theoretical and practical knowledge of computing which will get you equipped with the understanding and skills for success in employment in the Computing industry.

Computing specialists are in high demand as technology now plays a significant role in almost everything we do. This course combines the core principles of the field with a forward-looking approach to embracing and driving new developments.

If you're looking to gain the skills to advance your career in the fast-paced computing industry, then write the code to your future with a higher level Computing qualification.

At Level 4 we offer units which over a wide variety of aspects:

- Programming
- Networking
- Professional Practice
- Database Design & Development
- Security
- Planning a Computing Project
- Software Development Lifecycles
- Website Design & Development

In addition to the course it is recommended that learners seek employment in a Computing related business.

At Level 5 we currently offer units:

- Application Development
- Business Process Support
- Network Security
- Computing Research Project
- Emerging Technology
- Forensics
- Robotics

Interested in part time study? Get in touch to find out more.

Entry Requirements:

To study this course you must be over 18 years old and have four GCSEs including mathematics and English or equivalent and a level 3 qualification or equivalent.
For mature candidates (over 21 years of age) who can evidence a satisfactory and relevant work experience portfolio would be favourably considered and academic requirements may be waived please contact our HE advisor for more information.
All prospective students will be interviewed and assessed individually.

Fees and Financial Support:

There are two types of loans to help students cover the costs of their higher education course in college - tuition fee loans and living cost loans (also called maintenance loans). You pay these loans back when you finish your course and earn over £25,000. If you earn less than that, you won't have to repay anything. If you're earning more than that, we'll work out your repayments at 9% of your income over that amount.

Maintenance loans are only available to students studying on a full-time basis. They are not available for students studying on a part-time basis. For more details visit nscg.ac.uk/finance

Progression:

The HNC is equivalent to the first year at university and is a recognised Level 4 qualification. On completion of the Level 4 , students may choose to progress onto a Level 5 which is is equivalent to the second year of a Bachelors degree.
The Level 5 course is offered subject to numbers and could be offered at either Newcastle or Stafford campuses.
On completion of a Level 5 qualification, there are various top-up routes available which can be discussed with your tutor.

On successful completion of the course you gain a widely recognised qualification. You could progress onto a 'top-up' degree or further professional qualification in the computing area. Alternatively you may wish to pursue employment opportunities in roles such as web developer, mobile application developer, software engineer, computer systems analyst and IT security specialist.

What else do I need to know?

The HNC is equivalent to the first year at university and is a recognised Level 4 qualification. On completion of the Level 4, students may choose to progress onto a Level 5 which is equivalent to the second year of a Bachelor's degree.
The Level 5 HND is offered subject to numbers and could be offered at either Newcastle or Stafford campuses.

In addition to the course it is recommended that learners seek employment in a Computing related business.

The course runs on both a full-time and part-time basis with classes held in the daytime.
The full-time Level Four course lasts for one year and is studied over two full days each week.
The part-time Level Four course runs over two years and you will attend college for one afternoon/evening per week.

How do I find out more?

Please contact Paul Tanner, course leader, at paul.tanner@nscg.ac.uk.