

## Advanced Computing with Cyber Security *(SCQF Level 6)*

Full-time

### Where can I study?

Location	Duration	Course code
Aberdeen City Campus	1 Year	QBOCO

### Introduction to the course

This course will introduce you to Computer Hardware, Software, and Cyber Security at an Advanced Level.

During this course you will have the opportunity to learn from industry experts in various computing disciplines where possible you will work on live projects in of our state of the art cyber security labs.

### Entry requirements

The entrance requirements for this course is either two National 5's at grades at C or above, preferably one with a computing background, or a recognised computing course at SCQF Level 5.

### What subjects will I be studying?

You will take a trip to a state of the art large data centre, learn about virtualisation in an organisation, and understand why cloud technologies are taking over and becoming more popular.

You will be given the opportunity to compete against other colleges, in the world skills competitions and there may be an opportunity to visit universities for Cyber Security themed events where you can meet people in the industry.

There could also be opportunities for guest speakers to visit the college and see our new state of the art cyber security labs.

### Assessment methods

On this course you will be assessed continually throughout the year. Modules have both practical and theoretical aspects.

### Dress code

Students should dress appropriately for practical, hands-on work, as you will be working in a lab environment.

### Course progression

Completion of this course can lead onto the HNC in Cyber Security, HNC Computing, HND Computing: Technical Support with Cyber Security, HND Computing: Software Development with Cyber Security, HND Digital Design and Development (Web Development & Games Development) courses.

## University progression

You cannot progress to university directly from this course, but successful completion of a more advanced course may allow you to apply for a place on a degree programme.

## Useful contacts

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**Head of Faculty:****Cameron Walker**

Head of Faculty, Computing Technologies and Science, Aberdeen City Campus

Email: [c.walker@nescol.ac.uk](mailto:c.walker@nescol.ac.uk)

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**Curriculum Manager:****Shane Johnson**

Curriculum Manager, Aberdeen City Campus

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## Academic Tutor

Once you come to College you will be allocated an academic tutor, who will be your initial point of contact. You will meet your tutor at least once a term during tutor hour — they are also the person to go to for the following:

- **Induction:** You will be invited to come in the week before your course starts for your induction. Your tutor will cover key aspects of life at the College to make sure you are well prepared for your NESCol experience.
- **Initial support:** Your tutor is the first point of contact for academic, personal and social support.
- **Attendance:** Your attendance and progress while you are at college, will be monitored by your tutor.
- **Additional support needs:** If you have indicated that you have additional learning or support needs, speak to your tutor who will refer you to the Student Advice and Support team for needs assessment as soon as practically possible.
- **Transitions:** your tutor will keep you informed of the many activities and events organised by the College to support you with career choices, employability, enterprise and articulation guidance and advice.

## Student Advice Centre

The Student Advice Centre is your one stop shop for all information and support during your time at NESCol. Staff based within the centre provide impartial and confidential information and advice on a range of issues including:

- Applications and course advice
- Funding and money management
- Careers, employability and enterprise
- Transitions to college and university
- Key Skills and Study Skills support
- Additional Support for Learning
- Assistive technologies
- Mental health and wellbeing advice
- Care Experienced and Corporate Parenting
- Tier 4 and international admissions

## Learning Resources

### My NESCol

My NESCol is the College's student web portal that will provide you with on-demand access to all of the links, news and services that you will use once you have enrolled. It's accessible via any computer, and as an Android or Apple app. It's easy to use, and you can even receive important alerts on your device!

### Blackboard

Blackboard is the Virtual Learning Environment system used in the College, where you can find a host of useful information and

access your courses online. It will be the main platform that your lecturers will use to make resources available to you including interactive materials, videos, assessments and feedback.

### **IT HelpZone**

The IT HelpZones are run by students, for students, and there are helpdesks located in main social areas at the Aberdeen and Fraserburgh Campuses, and a dedicated helpline at our Altens Campus. You can drop in, email or telephone for assistance.

### **Library+**

Each Library offers thousands of resources for study, including books, journals, e-books, e-journals and magazines — all relevant to the courses on offer at the campus in which they are situated. They also offer quiet, silent, individual, and group study facilities.

### **Bring Your Own Device (BYOD)**

NESCol believes that your learning and teaching experience at College can be enhanced significantly by use of a mobile device, such as a tablet or a laptop. For this reason, many students are required to bring a device with them to College. This initiative is known as Bring Your Own Device (BYOD) and its aim is to provide learners with a more bespoke and student-centred learning experience.

### **Digital Skills Space**

Located within each Library Plus facility you will find a dedicated Digital Skills Space, featuring Bring Your Own Device (BYOD) workspaces and dedicated desktop PC work areas. These spaces are also used to deliver core IT teaching, drop-in IT support and scheduled digital skills workshops. You can also use these spaces for flexible access to PCs during Library+ opening hours.

## **College Calendar**

Have a look at our [College Calendar](#) for further information on key dates throughout the year.

**Disclaimer:** Please note that the information put forward in this course specification document is subject to change at any time, and without prior notice. We have taken every care to ensure that the information provided is as accurate and up-to-date as possible, but we are not liable for the content of or any omissions on this document. This includes any inaccuracies, errors or misstatements in the information/data presented.