

Intermediate Computer Support with Cyber Security *(SCQF Level 5)*

Full-time

Where can I study?

Location	Duration	Course code
Aberdeen City Campus	1 Year	QBOTT

Introduction to the course

Have you got experience of working with computers? Then now is the time to take this further, this course will help support you in developing your knowledge further and introducing you to networking and why this is important for an organisation and an individual.

There is also an opportunity to learn about Cyber Security with our embedded NPA in Cyber Security, which will teach you about Operating System vulnerabilities and how a malicious individual will use this to their advantage.

We will teach you how to keep your data secure using the various methods of cryptography, and we will introduce you to Cyber Forensics where you will trace the attacks back to the source.

You will further develop skills in the area of computer support (Hardware, Software and Networking).

Entry requirements

The entrance requirements for this course is either two National 4's at grades at C or above, preferably a Computing or IT based subject or a recognised Computing course at SCQF Level 4.

What subjects will I be studying?

You will be introduced to computer networking, and why this is important in today's industry, and you will be given an opportunity to build your own network as part of a networking project.

You will learn how to be professional in a support role and how to handle data and process it effectively, and on top of this, you will take the role of an Ethical hacker.

Once you have been taught all this 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.

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 Advanced Computing with Cyber Security course at SCQF Level 6. HNC Computing, HNC in Cyber Security, HND Computing: Technical Support with Cyber Security or the HND Digital Design and Development (Web 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

Head of Faculty:

Cameron Walker

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

Email: c.walker@nescol.ac.uk

Curriculum Manager:

Shane Johnson

Curriculum Manager, Aberdeen City Campus

Email: sh.johnson@nescol.ac.uk

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.