FDSC CYBER SECURITY

With the increasing trend of online and personal data, the systems that hold and store important information are exposed to a range of threats which constantly evolve and are becoming ever-increasingly more complicated. This course is designed to align itself with industry and to address the shortage of cyber security professionals.

Level 5 · Foundation Degree · Truro College

TOP COURSE HIGHLIGHTS

MODERN CYBER SECURITY SUITES | SMALL CLASSES | EXCELLENT SUBJECT SPECIALISTS | INTERACTIVE WORKSHOPS

INDUSTRY RECOGNISED CERTIFICATES

Alongside the FdSc Cyber Security course you will be given the opportunity to train for industry recognised certificates such as CISCO, Sec-Ops, Networking and COMPTIAA+ Network+.

ANALYTICAL AND CREATIVE INVESTIGATIONS

Investigate through industry-led briefs and data to identify and track emerging cyber trends and issues in order to provide practical mitigation solutions.

RANGE OF WORKSHOPS AND WORK PLACEMENT

A series of dedicated workshops in bespoke, modern cyber and computing suites, which encourages investigation and development of interests in subject disciplines. The second year will also see you partake in a work placement.

WHY CHOOSE THIS COURSE?

Students will cover a range of computing concepts within the cyber security industry. The course is vocationally based with generally smaller class sizes and lots of practical hands-on tuition. Students undertaking this course have access to career and higher education progression opportunities.

The fundamental aspects of computing will be studied and applied to cyber security industry practices. Covering the basics of computing technology, in addition to gaining advanced knowledge in cyber security practices, students will be presented with new and challenging opportunities that will increase the level of expertise and technological know-how. This course is designed to address the skill shortage and need for cyber security professionals, both locally and nationally. Issues including IT risk management, ethical hacking, security auditing, digital forensics, data networks, user compliance and governance, work placement and customer support are all covered to ensure students understand the importance in industry.

On successful completion of this course, students will have both a theoretical and practical understanding of a range of cyber security technologies and working practices.

WHAT WILL I LEARN?

Year 1 Modules:

- Professional Development & Study Skills
- Work Practice Case Study
- Security Programming
- Networking & Systems
- Server Administration & System Compliance
- Behavioural Analytics & Data Security

Year 2 Modules:

- Risk Management and Disaster Recovery Planning
- Digital Forensics
- Work Placement & Current Issues
- Network Security & Desig
- Security Technology & Applied Cryptography
- System Development Project

Programme Quality Handbook

WHERE WILL IT TAKE ME?

The FdSc Cyber Security course is influential in a career in cyber security within the industry. The course has a mix of practical and vocational skills along with linking basic theoretical concepts to practice and is ideal for individuals who are embarking in this exciting field. **Careers:**

- Security Auditor
- Network Manager
- IT Security Manager
- IT Operations
- Organisational IT Security Operative
- Information Security Technicia

Progression: BSc (Hons) Applied Computing (Top-Up) at University Centre Truro & Penwith

ENTRY REQUIREMENTS

Level 2: All applicants must have GCSE (or equivalent will be considered) Maths and English at Grade 4/C or above Level 3: At least one of the following:

- AS/A Levels
- Advanced Level Diploma
- BTEC National Certificate/Diploma
- VDA: AGNVQ, AVCE, AVS
- Access to HE or Year 0 provisio
- International Baccalaureate
- Irish/Scottish Highers/Advanced Highers
- 48 UCAS points from a relevant Level 3 qualificatio
- Achievement of an Access to HE Diploma
- Work Experience

Considered on an individual basis through an interview process.

IMPORTANT

Course information can change. Please use the QR code below for the current assessment arrangements, entry requirements and start dates.

FOR THE LATEST COURSE INFORMATION

Scan for assessment arrangements, learner support, confirmed start dates and how to apply.