

## **BTEC L4 HNC COMPUTING (RQF)\_HC4PDF**

**Location: Uxbridge**

# **Pearson BTEC Level 4 Higher National Certificate in Computing - Security**

## **2020-2021**

### **Entry Requirements**

GCSE English and maths at A\* to C (or equivalent) and a UCAS Tariff score of 48-64 from a full Level 3 qualification such as BTEC, A Level or an Access to Higher Education Certificate awarded by an approved further education institution in maths, physics, engineering, science, computer science, electronic systems or similar. All students who are non-native English speakers and who have not undertaken their final two years of schooling in English, must demonstrate capability in English at a standard equivalent to IELTS 5.5; Reading and Writing must be at 5.5 or equivalent. We accept a wide range of European and international qualifications. Mature students with appropriate related industry experience are encouraged to apply.

### **Who is the course for**

The Pearson BTEC Higher National Certificate in Computing-Security, is designed to train tomorrow's security professionals, combining fundamental concepts and principles with exposure to current technologies and solutions. You will gain a practical understanding of key issues relating to the design, analysis and implementation of modern IT security systems.

Also, you'll develop understanding of how network security systems function and how they might be abused and how security fits into business and commerce through applied learning. In addition to the knowledge, understanding and practical skills that underpin the study, Pearson BTEC Higher Nationals Certificate in Computing-Security, gives students the experience of the breadth and depth of the sector, which will prepare them for further study, training or to pursue a wide array of career pathways within the public, private and charity sectors.

### **Course Content**

Students will develop a broad knowledge and awareness of key aspects of the computing sector at Level 4 through six core units (mandatory) which include one unit assessed by a Pearson-set assignment and two further optional units at Level 4. The units are:

#### **Core Units:**

- Programming
- Networking
- Professional Practice
- Database Design & Development
- Security
- Managing a Successful Computing Project (Pearson-set)

### **Optional units:**

- Strategic Information Systems
- Website Design & Development

Cisco “CCNAv7” materials are embedded in the BTEC L4 HNC in computing-Security-programme. The course will also develop a broad range of transferable skills, which include communicating, team work, planning & organising, problem solving, IT skills and numerical techniques.

### **Study Methods**

- 75% classroom-based learning supervised by a tutor
- 20% work-based learning supervised by a tutor
- 5% e-Learning supervised by a tutor in real time, guest speakers and field trips (Optional).

Students will attend college for 16 hours – over three days. Students are expected to complete approximately 22.5 hours per week of independent study (i.e. on research in LRC and completing assignments).

### **How is the course assessed**

Assessment is through a series of assignments including 95% written assignments, 3% group work, 1% presentations and 1% time-constrained assessments.

the grades in each subject unit are shown as:

- pass
- merit
- distinction

### **Where next - Further Studies**

The Pearson BTEC Higher National Certificate provides a solid grounding in computing-security at Level 4, vendor-accredited certification and Professional Body membership, all of which students can build on and allow students to continue their studies to Pearson BTEC Level 5 Higher National Diploma in Computing-Security.

The Pearson BTEC Level 5 Higher National Diploma in Computing-Security allows students to specialise by committing to specific career paths and progression routes to degree-level study.

On successful completion of the Pearson BTEC Higher National Diploma at Level 5, students can develop their careers through:

- Entering employment
- Continuing existing employment
- Linking with the appropriate vendor accredited certificates
- Committing to Continuing Professional Development (CPD)
- Progressing to university.

The BTEC Level 5 Higher National Diploma in Computing-Security is recognised by higher education providers as meeting admission requirements to many relevant computing-related courses, details of entry requirements for BTEC Higher National graduates into degree programmes at institutions in the UK and internationally can be found on the Degree Course Finder website (<http://degrecoursefinder.pearson.com/>) and [UCAS.com](http://UCAS.com)

Students who completed Pearson BTEC Level 5 Higher National Diploma in Computing from our School progressed onto the final year of a degree course at the following universities:

- Hertfordshire University
- Plymouth University
- Middlesex University
- Greenwich University
- Westminster University
- Staffordshire University
- London Metropolitan University
- London South Bank University
- Anglia Ruskin University
- West London University
- East London University
- Huddersfield University
- Bath University
- Northumbria University

## **Where next - Job Opportunities**

The skills offered as part of the Pearson BTEC Higher National Certificate in computing-security can provide graduates with the opportunity to work in many different areas of the computing sector. Previous students have successfully gained employment in the following roles: Computer Analysts, IT Security Coordinator, Ethical Hacker, Fraud Analyst, etc.

## **More Information**

For further information, please contact our Information, Advice and Guidance team on 01895 853333 or email [enquiries@uxbridgecollege.ac.uk](mailto:enquiries@uxbridgecollege.ac.uk)

## **How to Apply**

All applications for HNC courses are through Universities and College Admissions Service (UCAS). For an application pack, contact UCAS on 01242 227788 or visit [www.ucas.com](http://www.ucas.com)

For information and advice from the College you can also make an initial application by clicking the Apply Now button below. Our Information, Advice and Guidance team can provide you with support and advice to help you through the UCAS process.