

# Pearson BTEC Higher National Diploma (HND) in Computing



## ABOUT THIS COURSE

This diploma is equivalent to the first two years of a bachelor's degree, allowing students seamless transfers to a top-up degree with over 200 universities worldwide.

The Pearson BTEC Level 5 Higher National Diploma in Computing (General) aims to enhance your career and employability in the areas of Computing by developing the critical awareness and industry-centric skills required to succeed in the field. HND Computing qualifications offer a simple and flexible structure that enables students with skills they need to progress to higher education or employment in their specialist area as they are closely aligned with professional body, vendor, employer and higher education needs.

On successful completion of the course, students will have explored various technical skills including Python programming, networking, researching a computing project; investigated the roles and responsibilities in relation to information assurance; assessed the threats to and vulnerabilities in, computer architecture; and create user interface designs and prototyping various software solutions.

**Duration : 24 Months**

**Fees : AED 35,000 / Year**

## COURSE OUTLINE

### UNITS

- Programming
- Networking
- Professional Practice
- Database Design & Development
- Security
- Planning a Computing Project (Pearson-Set)
- Software Development Lifecycles
- Website Design and Development
- Computing Research Project (Pearson-set)
- Business Process Support
- Systems Analysis and Design
- User Experience and Interface Design
- Architecture
- Internet of Things
- Prototyping

### ENTRY REQUIREMENTS

- 17+ years minimum
- BTEC Level 3 in IT
- GCSE – Grade A\* – C
- Other related Level 3 qualifications
- CBSE, ISE, NIOS or All state boards of grade 12
- Relevant work experience (2 years minimum)
- Pass Subject Proficiency Test
- Pass English Proficiency Test

### CAREER OPPORTUNITIES

They also support learners who want to develop knowledge and skills needed for vocational apprenticeship roles and allow for progression to job opportunities at trainee/entry levels. Jobs available in these areas include:

- Software Developer
- Applications Developer
- Network Engineer
- Quality Analyst
- Systems Administrator
- Software Engineer
- Data Analyst etc.

### PROGRESSION TO UNIVERSITY

The Level 5 Higher National Diploma is recognised by higher education providers as meeting admission requirements to many computing-related courses, for example:

- BSc (Hons) Computing
- BSc (Hons) in Business and Computing
- BSc (Hons) in Applied Computing

**FOR ADMISSIONS &  
ENTRY REQUIREMENTS**

SCAN QR CODE



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