

# HND Computing (Business IT)

## Benefits

The programme offers the following benefits for students:

- Equipping individuals with the knowledge, understanding and skills for success in employment in the business and IT sectors
- Providing suitable work experience so that learners can apply their knowledge and practical skills in the workplace during their study
- Enabling progression to an undergraduate degree or further professional qualification in a related field (e.g. Programming, IT Security, IT Administration, etc.)
- Allows progression from this qualification into or within employment in the sector where learners may work towards professional membership or study for professional body examinations.

## Course Description

The Higher National Diploma (HND) in Computing (Business IT) is designed for those who wish to develop their IT analysis, design and development expertise across a range of computer-based platforms to help solve realistic commercial problems.

The HND in Computing (Business IT) can be studied as a stand-alone qualification or it can form part of a three-year degree programme by studying a final year top-up to a BA (Hons) in Business Computing degree from the University of Teesside.

## Qualification / Awarding Body

On completion of all 15 units, you will be awarded a HND in Computing (Business IT)

Awarding Body: Edexcel, UK

## Mode of Study

Online distance learning

## Course Content (modules)

The HND in Computing (Business IT) comprises 16 units, including two projects:

1. Computing Platforms  
Computer system planning and specification, and use of operating systems
2. Computer Solutions  
Information systems within an organisation
3. Systems Analysis  
Design and analysis of systems including lifecycle modelling
4. Software Constructs and Tools  
Business modelling using spreadsheets and programming methodology
5. Networking  
Network concepts and the installation and management of networks
6. Data Analysis and Database Design  
Design and implementation of databases
7. Human Computer Interface  
Develop and evaluate a HCI prototype
8. End User Support  
Analyse and solve user problems and train end-users in the use of software products
9. Computer Management  
IT management and strategic planning
10. Business IT Implementation Project  
A major piece of work based on the production of a computer-based solution to a realistic commercial problem
11. Quality Management Principles  
Professional systems analysis and quality assurance

12. Communications Technology  
Networks, communications and digital broadcasting including security issues
13. Financial Systems and Auditing  
The structure of financial systems within an organisation and how those system are audited
14. Multimedia and I nternet Development  
Design innovative multimedia solutions for a range of commercial needs
15. Advanced Business I nformation Technology Project  
This is a significant piece of work (accounting for 2 units) based on the analysis of a business problem followed by the planning and design of a solution

#### Assessment

The HND in Computing (Business IT) is assessed by 10 written assignments in total (of 2,500 to 3,000 words each), three examinations and two projects.

#### Duration of Programme

Minimum 24 months for the HND, however this programme is flexible and can be extended to a maximum of five years.

#### What's included

All study materials and student handbooks are supplied. A tutor for academic support from the UK will be allocated by RDI on request, whom you can contact by telephone or email. You will also have access to an online Virtual Campus administered by RDI.

In Mauritius, you will have access to a programme coordinator at PTC for administrative support. You are allowed to attend all tutorial sessions organised by PTC.

#### Entry Requirements

Candidates should be at a certain academic level such as an 'A' Level, or have at least two years full-time work experience. Candidates should have a basic understanding of computers.

#### Enrolment Dates

Four intakes a year - January, April, July and October.