1. Qualification HND / C	2. Programme Title Business Software Development	3. UCAS Code 006G	4. Programme Type Edexel

5. Main Purposes and Distinctive Features of the Programme

To provide students with the knowledge and skills required to contribute to the analysis, design, testing and development of business computing systems.

To develop the students' ability to adopt new methods and exploit information technology particularly for business utilisation.

To give a broad based education in business software development and business applications with an emphasis on implementation.

To develop and improve the students' interpersonal and communication skills particularly the investigative, formal presentation and group working skills that are required for the workplace.

Distinctive Features
Progression to graduate qualification in Business Software Development.
HND available in part-time mode for students who can fit into HNC and degree provision.

6. What a graduate should know and be able to do on completion of the programme

Knowledge and understanding in the context of the subject(s)

1   Understanding the stages of the systems

2   Knowledge of programming languages which provide the facility to develop graphical user

3   Awareness of current technologies for

Cognitive skills in the context of the subject(s)

1   Application of a structured methodology

2   Design software compliant with HCI concepts

3   Synthesis of business problem analysis and technical programming knowledge

Subject-specific practical/professional skills

1   Competence in the correct structuring of data to be stored in a relational database

2   Perform systems analysis of business problems and design of software for the commercial environment

3   Implement software design to produce solutions that can run in a range of hardware architectures

Other skills (e.g. key/transferable) developed in subject or other contexts

1   Capacity to investigate problems
2   Communicate effectively orally and in
3   Able to work as part of a team
      Numerical and quantitative skills
      Make use of a range of information sources
      Select and utilise appropriate methods for presenting information
      Use a range of thought processes

7. Qualities, Skills & Capabilities Profile			
A Cognitive	**B Practical**	**C Personal & Social**	**D Other**
Understanding of Concepts and theory	Investigation of sources of information	Life-long learning	Environmentally aware
Analytical thinking	Communicating using a variety of media	Thoughtful approach	WWW interaction
Design solutions for business problems	Interviewing	Teamwork	
Flexibility of thought	Software development	Confidence building	
Critical evaluation	Solve problems	Self-motivation	
Conceptualisation		Organisation and time management	

8a. Duration and Structure of Programme/Modes of Study/Credit Volume of Study Units
HND - 2 Years full-time organised on a 2 semesters per year basis and comprising 240 credits.

Level 2 Modules	Core Modules	(Options normally 20 credits each)	Project (20 credits) CST2511 individual project with self-managed integration, extension and practical application of knowledge (compulsory)
	CST2503 Database Theory and Practice		
	CST2511 Systems Analysis		
	CST2501 Visual Programming 2		
Level 1 modules	LCT1019 Networking Basics LCT1023 Core Skills CST1010 Information Systems LCT1000 Internet 1 CST1205 Introduction to Programming CST1206 Programming and Design CST1202 Visual Programming 1 CST1203 Computerised Financial Systems		

8b. Duration and Structure of Programme/Modes of Study/Credit Volume of Study Units
HNC - 2 Years part-time organised on a 2 semesters per year basis and comprising 160 credits.

	Core Modules	(Options normally 20 credits each)	Project (20 credits)
Level 2 Modules	CST2503 Database Theory and Practice	CST2511 Systems Analysis or CST2501 Visual Programming 2	Individual project with self-managed integration, extension and practical application of knowledge (compulsory)
Level 1 Modules	CST1203 Computerised Financial Systems LCT1019 Networking Basics LCT1023 Core Skills I CST1010 Information Systems CST1202 Visual Programming 1		

9. Learning, Teaching and Assessment Strategy	**10. Other Information *(including compliance with relevant Institute policies)***
Learning and Teaching Methods A combination of lectures, supervised and unsupervised practical work, directed study, Case Studies, tutorials, seminars, group-working and a project Assessment Methods Assessments are linked to the learning outcomes for each module. Types of assessment include: Examinations Coursework reports Coursework to produce a program/ model a system Project to produce and document a piece of software Assessment Classification System A Pass is awarded for the achievement of all outcomes against the specified criteria. Achievement at Pass level will demonstrate:	Date programme first offered September 2003 Admissions Criteria Five GCSE passes (Grade C or better) including English, Mathematics and a Science subject and 60 UCAS tariff points including one A2 level pass. Acceptable alternatives would be :- Edexcel/ BTEC National Diploma/Certificate (pass), Irish Leaving Certificate, International Baccalaureate, Scottish Highers, AGNVQ or completion of a suitable kitemarked access course. *Non Standard Entry* Relevant work/life experience and interview

knowledge and comprehension of relevant practice, theories or techniques	Other cases dealt with by admissions tutor on an individual basis
the ability to solve problems using given methods coherence in the quality of outcomes	<u>Indicators of Quality and Standards</u>
A Merit level will demonstrate: the application of appropriate knowledge, and understanding of relevant practices, theories or techniques	Validated by panel with two external subject specialists External verifier
the identification of problems and the use of appropriate methods to solve them	Internal yearly quality monitoring cycle
clarity and coherence in the quality of outcomes	
A Distinction level will demonstrate the application of knowledge and understanding of a range of relevant practices, theories or techniques the identification of problems, their causes and the selection of appropriate methods to solve them clarity, coherence and originality in the quality of outcomes	
<u>Honours Classification Bands</u> N/A	

MAPPING OF LEARNING OUTCOMES TO MODULES

HND/C Business Software Development

	K1	K2	K3	S1	S2	S3	C1	C2	C3	O1	O2	O3
Level 1 Modules												
LCT1023			X							X	X	
CST1203					X	X	X	X	X			X
CST1010	X		X	X								X
LCT1000			X					X		X	X	
LCT1019			X						X			X
CST1205	X	X			X	X	X		X	X		
CST1206	X	X			X	X		X	X			
CST1202		X		X		X		X	X			X
Level 2 Modules												
CST2503		X		X	X		X		X	X		X
CST2511	X			X	X		X		X	X	X	
CST2501		X		X		X		X	X	X		X
CST2515	X	X		X	X		X		X	X	X	X

Kn, Sn, Cn, On are Knowledge, Subject-specific, Cognitive and Other learning outcomes respectively. Refer to the Programme Specification for a definition of each learning outcome.

An X at a row/column intersection indicates that the specified module supports the specified learning outcome.

Mapping of Assessment Methods to Modules
HND/C Business Software Development

	CW %	EX %	ICA %	PRA %	PRE %	IS%
LEVEL 1 MODULES						
LCT1023	100					
CST1203	50+50					
CST1010	50+50					
LCT1000	70	30				
LCT1019	30	50		20		
CST1205			100			
CST1206			100			
CST1202	50		50			
LEVEL 2 MODULES						
CST2503	50	50				
CST2511	50	50				
CST2501	50+50					
CST2515	20				50	30

Assessment Type Codes

CW   Coursework
EX   Examination
ICA   In-class assessment
PRA   Practical
PRE   Presentation
IS   Independent Study