

# CERTIFICATE OF VALIDATION



QQI

Quality and Qualifications Ireland  
Dearbhú Cailíochta agus Cailíochtaí Éireann

## Extension of Validation (1)

<b>Provider Name</b>	National College of Ireland
<b>Date of Validation</b>	10-Jun-15

	<b>First intake</b>	<b>Last intake</b>	<b>Intakes per annum</b>
<b>Enrolment Interval</b>	Sep-15	Aug-21	2

	<b>Code</b>	<b>Title</b>	<b>Award</b>	<b>Duration (Months)</b>	<b>Intakes per annum</b>
<b>Principal Programme</b>	PG21687	Higher Certificate in Science in Business Computing	Higher Certificate in Science (Major Award at NFQ Level 6) 6M18342 120 credits	2 years	2
<b>Embedded Programmes</b>	na	n/a			

## Principal Programme

### 5 Year Plan: Planned total enrolment i.e. aggregated across all intakes and all approved centres

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
<b>Minimum Intake into first year</b>	20				
<b>Maximum Intake into first year</b>	100				

### Target Learner groups

The programme is aimed at learners who have their Leaving Certificate complete and who wish to pursue a career in the I.T industry. Learners who are currently working in the IT sector and don't have the relevant academic experience and are looking for a progression path in their current working environment or are looking to move to a new job.

### Brief Synopsis of the programmes

The Higher Certificate in Science in Business Computing is designed to provide students with the necessary knowledge and skills to pursue a professional career in the ICT sector in both Irish and multinational companies. It seeks to produce industry-ready graduates who possess the appropriate combination of conceptual and practical skills in the relevant technical subjects as well as a range of supporting application and business modules. It is hoped that the HCBC programme will be successful in producing graduates capable of problem-solving and technical communication and of working in the area of technical and business support. The new programme will produce graduates, with the requisite technical/business skills in the areas of ICT applications and Business Computing. Specifically, on the applications side, they will have a good knowledge of both software applications as well as currently used applications packages. This applications knowledge is complemented with appropriate expertise in supporting software technologies, such as software development, data networking and web design. The programme will produce a graduate capable of entering the area of business/customer support within the ICT sector. In addition, to having the required technical skills graduates of this programme will also have knowledge in the areas of Business skills (e.g. Organisation Behaviour, Accounting and Human Resource Management). Learners, who successfully complete the Higher Certificate in Science in Business Computing, will be able to progress to the BSc (Hons) in Technology

	Management.		
<b>Delivery mode: full-time / part-time</b>	Full-time and Part-time		
<b>Teaching and Learning Modes</b>	A variety of teaching strategies, which include—but is not limited to—lectures, tutorials, problem-based learning (PBL), enquiry based learning, practical work, flip classroom, seminars, case-based learning, project-based work and team work are included throughout the programme.		
<b>Approved countries</b>	Ireland		
<b>Physical resource requirements</b>	The programme requires appropriate learning spaces to facilitate the teaching, learning & assessment strategy of the programme. Learning spaces should accommodate traditional classrooms, spaces for collaborative learning and access to appropriate technologies as required by individual module curriculum (e.g., Word, Excel, PowerPoint or similar products and programming languages,).		
<b>Staff Profiles</b>	<b>Qualifications and Experience</b>		<b>WTE</b>
	Lecturers with a Masters or PhD level qualification in computing or a related discipline with academic experience delivering modules in ICT, Programming.		4
	Programme Director who is responsible for the academic management of the programme and may also be a lecturer on the programme. The programme director will have at least a Masters or PhD qualification in computing or a related discipline.		1
	Programme Co-ordinators with experience in relationship management and programme co-ordination.		1
<b>Approved Centres</b>	<b>Centre</b>	<b>Minimum per intake per Centre</b>	<b>Maximum per intake per Centre</b>
	NCI, Mayor Square, IFSC, Dublin	10	50
<b>Learner Teacher Ratios</b>	<b>Learning Activity</b>		<b>Ratio</b>
	Tutorials/Labs		1:25
	Lecture		1:100
<b>Programme being replaced by this programme</b>	<b>Prog Code</b>	<b>Programme Title</b>	<b>Validated</b>
	na	n/a	
	PG21741	Higher Certificate in Science in Business Computing	10-Jun-15
			<b>To Close</b>

# Conditions of Validation of the Programmes Covered by this Certificate of Validation

## **Part 1: Statutory Conditions of Validation**

The statutory (section 45(3) of the 2012 Act) conditions of validation are that the provider of the programme shall:

- 1.co-operate with and assist QQI in the performance of QQI's functions in so far as those functions relate to the functions of the provider,
- 2.establish procedures which are fair and consistent for the assessment of enrolled learners to ensure the standards of knowledge, skill or competence determined by QQI under section 49 (1) are acquired, and where appropriate, demonstrated, by enrolled learners,
- 3.continue to comply with section 65 of the 2012 Act in respect of arrangements for the protection of enrolled learners, if applicable, and
- 4.provide to QQI such information as QQI may from time to time require for the purposes of the performance of its functions, including information in respect of completion rates.

## **Part 2 Conditions of Validation Established by QQI Under section 45(4)(b) of the 2012 Act)**

### **Part 2.1 Condition of Validation Concerning a Change in the QQI Award or Award Standard**

- 1.Where QQI changes an award title, an award specification or an award standard that a programme depends upon, the provider shall not enrol any further learners on the affected programmes unless informed otherwise in writing by QQI (e.g. by the issue of a revised certificate of validation). The programme is considered validated for learners already enrolled on the affected programme.

### **Part 2.2 Condition of Validation Concerning the Duration of Enrolment**

- 1.The duration of enrolment is the interval during which learners may be enrolled on the validated programme.

Validation is determined by QQI for a specified number of years of enrolment appropriate to the particular programme as indicated on the certificate on validation subject to unit 9.2.1. It is a condition of validation that the programme does not enrol any new learners outside this interval. A typical duration would be five years.

If a provider wishes to continue to enrol learners to the programme beyond this interval the provider must arrange in good time for it to be validated again by QQI, or exceptionally the provider may apply for extension of the duration of enrolment (unit (14)). In this context the provider may apply for validation of the programme from first principles or, alternatively, the provider may avail of the process for revalidation (unit (13)) by QQI.

### **Part 2.3 General Condition of Validation**

The provider of the programme shall:

1. Ensure that the programme as implemented does not differ in a material way from the programme as validated; differing in a material way is defined as differing in any aspect of the programme or its implementation that was material to QQI's validation criteria.
2. Ensure that the programme is provided with the appropriate staff and physical resources as validated.
3. Implement in respect of the programme its written quality assurance procedures (as approved by QQI).
4. Make no significant change to the programme without the prior approval of QQI. (See unit (8)).
5. Unless otherwise agreed by QQI in writing, start implementing the programme as validated and enrol learners within 18 months of validation.
6. Continue in respect of the validated programme to comply with section 56 of the 2012 Act in respect of procedures for access, transfer and progression.
7. Implement the programme and procedures for assessment of learners in accordance with the Approved Programme Schedule and notify QQI in writing of any amendments to this arising from changes to the programme; see unit (9).
8. When advertising and promoting the programme and awards, use the programme title as validated, and the correct QQI award title(s), award type(s) and award class(es) indicating the level of the award(s) on the National Framework of Qualifications.
9. Adhere to QQI regulations and procedures for certification.
10. Notify QQI in writing without delay of:
  - a. any material change to the programme;
  - a. anything that impacts on the integrity or reputation of the programme or the corresponding QQI awards;
  - b. anything that infringes the conditions of validation; or
  - c. anything that would be likely to cause QQI to consider reviewing the validation.
11. Notify QQI in writing to determine the implications for the provider's validated programmes, where the provider is likely to, or planning to, merge (amalgamate) with another entity or to acquire, or be acquired by, another entity (see unit (12.5)).
12. Report to QQI, when required or requested, on its implementation of the programme and compliance with the conditions of validation.

#### **Part 2.4 General Condition of Validation Arising from Specialised Validation Policy and Criteria**

1. n/a

#### **Part 2.5 Special Conditions of Validation**

1. n/a



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**Approved Programme Schedule(s)**

Name of Provider			Programme Codes			HCBC					
Programme Title (i.e. named award)			Higher Certificate in Science in Business Computing								
Award Title (HETAC named award)			Higher Certificate in Science								
Stage Exit Award Title											
Modes of Delivery (FT/PT/ACCS/BLENDED/OC etc)			Full Time/Part Time/Blended/Block/OCS								
Stage			1			Number of Stages		2			
Award Class			HCBC			Award NQF Level		6			
Award EQF Level			5			Stage Credits (ECTS)		60			
Stage NQF Level			6			Stage EQF Level		5			
Date Effective			14/09/15			ISCED Subject Code					
Ref	Module Title	Semester	Module		ECTS Credit Number	Total Student Effort per Semester			Allocation of Marks		
			Status (M/E)	NQF Level		Total Hours	Contact Hours	Independent Learning	Course Work %	End of Module Formal Examination %	Total %
1.1	Problem Solving and Programming Concepts	1	M	6	5	125	48	77	100	0	100
1.2	Introduction to Mathematics for Business & Computing	1	M	6	5	12	36	89	50	50	100
1.3	Web Design	1	M	6	10	250	72	178	50	50	100
1.4	The Computing Industry	1	M	6	5	125	36	89	100	0	100
1.5	Managing Your Learning	1	M	6	5	125	36	89	100	0	100
1.6	Software Applications for Business	2	M	6	5	125	36	89	100	0	100
1.7	Introduction to Programming	2	M	6	5	125	48	77	50	50	100
1.8	Digital Multimedia	2	M	6	10	250	72	178	100	0	100
1.9	Introduction to Management	2	M	6	5	125	36	89	40	60	100
1.10	Introduction to Marketing	2	M	6	5	125	36	89	50	50	100



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			Status (M/E)	NQF Level		Total Hours	Contact Hours	Independent Learning	Course Work %	End of Module Formal Examination %	Total %
2.1	Introduction to Databases	1	M	6	5	125	36	89	50	50	100
2.2	Fundamentals of Business Analysis	1	M	7	5	125	36	89	50	50	100
2.3	Organisational Behaviour	1	M	6	5	125	36	89	30	70	100
2.4	IT Project Management	1	M	6	5	125	36	89	40	60	
2.5	Web Authoring	1	M	8	10	226	48	178	100	0	100
2.6	Data Communications and Networking	2	M	6	5	125	36	89	40	60	100
2.7	Interdisciplinary Team Project	2	M	7	10	274	96	178	100	0	100
2.8	Business Entrepreneurship	2	M	8	5	125	36	89	30	70	100
2.9	Principles of Accounting/Financial Accounting	2	M	6	5	125	36	89	30	70	100
2.10	Introduction to HRM	2	M	6	5	125	36	89	30	70	100