



## CERTIFICATE OF VALIDATION

New validation

Validation Process: **New**

<b>Provider Name</b>	National College of Ireland
<b>Date of Validation</b>	03-Dec-20

	<b>Code</b>	<b>Title</b>	<b>Award</b>	<b>Exit</b>
<b>Principal Programme</b>	PG24392	Certificate in Emerging Digital Technologies	Certificate (Special Purpose Award at NFQ Level 7) 7S21079 20 credits	N/A
<b>Embedded Programme</b>	N/A			

	<b>First Intake</b>	<b>Last Intake</b>
<b>Enrolment Interval</b>	01-Jan-21	31-Dec-25

### Principal Programme

	<b>Full Time</b>	<b>Part Time</b>	<b>Delivery Mode: full-time / part-time</b>
<b>Maximum Intakes per Annum:</b>	0	2	Part Time
<b>Minimum Learners per Intake:</b>	0	25	
<b>Maximum Learners per Intake:</b>	0	75	
<b>Duration (months)</b>	N/A	3	

### Target Learner Groups

This Certificate is targeted at non-computing professionals who wish to understand the latest emerging digital technologies and to integrate them into their workplace. A minimum of a level 6 (degree) qualification on the National Framework of Qualifications. Applicants may be from IT or non-computing background.



### Brief Synopsis of the Programmes

This programme is a one semester Level 7 degree aimed at non-computing professionals who wish to understand the latest emerging digital technologies and to integrate them into their workplace. A minimum of a level 6 (degree) qualification (2.2 or higher) on the National Framework of Qualification is required. The learners may be from IT or non-computing cognate/STEM background.

Certificate in Digital Emerging Technologies course aims to produce high-quality, technically technologically competent and, innovative graduates that will become leading practitioners in the field of Digital Emerging Technologies. The programme leads to an NFQ Level 7 academic award Certificate in Digital Emerging Technologies awarded by QQI. Graduates of this programme may pursue further education or employment in the field of IT and Computing.

The programme will run both part time in classroom mode and 100% online mode in order to cater to the different types of learners. The learners will have to attend lectures and tutorials in the classroom or online, as well as to study independently. Learners will study 2 modules, 10 credits each, over one semester.

Learners will gain knowledge, skills and competence of emerging digital technologies such as Cloud Computing, Artificial Intelligence, Cybersecurity, Internet of Things, Blockchain, FinTech, Robotics and, Virtual, Augmented and Mixed Reality, including their definitions and distinctions as well as the potential to readily apply them in business contexts. The module assessment strategy places greater emphasis on continuous assessment (e.g. essay, presentations, group project) rather than on written exam.

<b>Teaching and Learning Modes</b>	<ol style="list-style-type: none"> <li>1. E-learning (directed)</li> <li>2. E-learning (self-directed)</li> <li>3. Lectures / Classes</li> <li>4. Tutorials</li> <li>5. Webinars</li> </ol>
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<b>Approved Countries</b>	Ireland
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### Physical Resource Requirements

NCI will provide appropriate learning spaces to facilitate the teaching, learning and assessment strategy of the programme. Learning spaces include traditional classrooms, spaces for collaborative learning and access to appropriate technologies as required by individual module curriculum (e.g., development environments, cloud infrastructure, or similar products). Learners will also have access to appropriate personal study space.

Staff Profiles	Qualifications and Experience	WTE
Lecturer	Lecturers will have a Bachelor or/and Master’s degree in computing or cognate discipline with academic experience delivering modules in ICT at level 8 on NFQ and may have industry experience also.	2
Programme Director	The Programme Director 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 Coordinator	The Programme Coordinator will have experience in relationship management and the delivery of academic programmes.	1

Approved Centres	Centre	Minimum Number of Learners per Intake per Centre	Maximum Number of Learners per Intake per Centre
	42522R National College of Ireland	25	75



Additional Locations	Location Name	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	N/A		

Learner Teacher Ratios	Learning Activity	Ratio
	Lectures	1:60
	Tutorials/Labs	1:25

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	N/A		



# 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**

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