

CERTIFICATE OF VALIDATION

New validation

Validation Process: **Revalidation**

Provider Name	CCT College Dublin
Date of Validation	17-Jul-25

	Code	Title	Award	Exit Only
Principal Programme	PG26420	Bachelor of Science (Honours) in Computing and Information Technology	Bachelor of Science (Honours) (Honours Bachelor Degree at NFQ Level 8) 8M22997 240 credits	N/A
Embedded Programme	PG26421	Bachelor of Science in Computing and Information Technology	Bachelor of Science (Ordinary Bachelor Degree at NFQ Level 7) 7M22993 180 credits	Yes
Embedded Programme	PG26422	Higher Certificate in Science in Computing and Information Technology	Higher Certificate in Science (Higher Certificate at NFQ Level 6) 6M22995 120 credits	Yes

	First Intake	Last Intake
Enrolment Interval	Sep-25	Sep-29

Principal Programme

	Full Time	Part Time	Delivery Mode: full-time / part-time
Intakes per Annum:	1	0	Full Time
Minimum Learners per Intake:	30	0	
Maximum Learners per Intake:	180	0	
Duration (months)	48	N/A	

Target Learner Groups

The programme is open to a diverse range of learners, including domestic, European, and international students. It caters to school leavers, mature learners, and industry professionals seeking formal qualifications or career advancement. The programme welcomes applicants from various entry pathways, including:

CAO applicants meeting standard entry requirements.

Graduates of QQI Level 5 awards with a passing grade in Mathematics, either as part of their QQI qualification or at Leaving Certificate level.

Industry professionals with relevant ICT experience, assessed through the Recognition of Experiential Prior Learning (RPEL) process.

International students (EU & non-EU) meeting equivalent entry requirements as determined by established international qualification frameworks.

The programme is designed to support students at different stages of their educational and professional journeys, providing structured pathways to success in the IT and computing sector.

Brief Synopsis of the Programmes

This four-year IT and Computing degree programme is designed to equip students with the knowledge, skills, and competencies required to thrive in the fast-evolving digital landscape. Built around key thematic pillars—Data & Data Science, Programming & Maths, Web, General IT & Software Development, Soft Skills, and Networking & Cybersecurity—the curriculum follows a structured spiral approach. This ensures that students progressively gain a deeper understanding across core areas while developing strong problem-solving and professional skills.

The programme blends theoretical knowledge with hands-on experience, preparing graduates for diverse roles in software development, cybersecurity, data analytics, cloud computing, and IT infrastructure management. Students engage in foundational modules, before advancing to specialised topics such as Artificial Intelligence, Blockchain, and DevOps. The programme culminates in a capstone project, providing an opportunity for specialisation, independent research and/or industry-focused application.

Graduates will be well-positioned for employment in the IT sector or for further studies at Level 9. Embedded exit awards at Stage 2 (Higher Certificate in Computing and IT) and Stage 3 (BSc in Computing and IT) allow learners to receive recognised qualifications if they choose to exit from the programme early.

Minimum Intended Programme Learning Outcomes

On completion of this programme the learner will be able to:

1. Demonstrate comprehensive and professional knowledge of a broad range of computing skills.
2. Integrate and/or adapt the concepts, tools, best practices and solutions from a variety of computing domains.
3. Develop and professionally present innovative solutions by applying advanced computing skills, ethics and sound professional judgement.
4. Use professional judgement to analyse scenarios and evaluate alternatives in order to implement and test an appropriate solution to resolve complex computing and IT problems with clear, comprehensive documentation.
5. Adapt advanced computing and IT skills to new and diverse contexts in compliance with relevant regulations and in a professional and ethical manner.
6. Use project management and collaboration tools to effectively manage multi-disciplinary teams in an ethical and inclusive manner.
7. Work proactively to maintain currency of knowledge and professional skills in a changing environment.
8. Exemplify a professional approach in interpersonal interactions through respectful, inclusive and ethical behaviour that shows awareness of the wider civic, social and business context.

Teaching and Learning Modes

1. Lectures / Classes
2. Practical Sessions
3. Tutorials

Approved Countries

Ireland

Physical Resource Requirements

Refer to provider

Staff Profiles	Qualifications and Experience	WTE
Lecturer	Minimum NFQ Level 9 cognate award is normally required. However NFQ Level 8 in a cognate award is acceptable in cases where significant industrial experience is evident. A minimum of 1 year relevant applied experience required, and 3 years of is experience preferred. Previous third level teaching experience and completion of a postgraduate CPD/Certificate in Teaching and Learning or similar is desired, but relevant professional development is provided for all teaching staff.	1
Dean of Faculty	The Dean of Faculty is a member of the Executive Leadership Team and reports directly to the College President. This post manages the teaching Faculty within CCT College and takes management responsibility for the operation of the two faculties. Along with the Dean of Teaching & Learning, the Dean of Faculty holds executive responsibility for the development of teaching, learning and assessment within CCT College. The person occupying this role also has operational responsibility for academic standards, academic direction and quality assurance management of programmes within both faculties, and plays a leading role in the periodic review of existing programmes and development of new programmes with support from the Dean of Academic Affairs and other members of the Executive Leadership Team.	1
Librarian	Relevant qualification and professional experience in librarianship.	1
Head of Student Services	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	1
EDI Officer	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	0.5
Careers Officer	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	0.5
Programme Leader	Meets the minimum requirements for a lecturer. In CCT College a programme leader has responsibility for the management, delivery and academic integrity of the programme they lead. This includes but is not limited to ensuring fitness for purpose of all aspects of programme design, development, delivery and assessment, the quality of programme content and the learning experience. A programme leader is required to be cognisant of QA policies and procedures and the parameters of the validation for the programme they lead.	1

Approved Centres	Centre	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	38484N CCT College Dublin	30	180

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

Learner Teacher Ratios	Learning Activity	Ratio
	Lecture	1:90

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG24244	Bachelor of Science (Honours) in Computing and Information Technology	08-Apr-20

Embedded Programme

Validation Process: **Revalidation**

Code	Title	Award	Exit Only
PG26421	Bachelor of Science in Computing and Information Technology	Bachelor of Science (Ordinary Bachelor Degree at NFQ Level 7) 7M22993 180 credits	Yes

	Full Time	Part Time	Delivery Mode: full-time / part-time	Full Time
Duration (months)	36	N/A		

Target Learner Groups

The Bachelor of Science in Computing and Information Technology is an embedded exit award in the Bachelor of Science (Honours) in Computing and Information Technology.

Brief Synopsis of the Programmes

The Bachelor of Science in Computing and Information Technology is an embedded exit award in the Bachelor of Science (Honours) in Computing and Information Technology.

Minimum Intended Programme Learning Outcomes

On completion of this programme the learner will be able to:

1. Demonstrate a wide range of specialist knowledge across a broad range of computing skills.
2. Integrate the concepts, tools, solutions and best practices from a variety of computing domains.
3. Implement IT System models by proficiently applying computing principles based upon a project lifecycle, with appropriate documentation.
4. Use professional judgement to analyse scenarios and evaluate alternatives in order to implement and test an appropriate solution to resolve complex computing and IT problems with clear, comprehensive documentation.
5. Use professional judgement to analyse scenarios and evaluate alternatives in order to implement and test an appropriate solution to resolve complex computing and IT problems with clear, comprehensive documentation.
6. Act responsibly and professionally without supervision and collaborate effectively within a team.
7. Continuously engage with professional development and guidance to remain current and address technical knowledge gaps within the domain of Computing and IT.
8. Behave and interact in a professional, ethical and inclusive manner that shows awareness of the wider social and business context.

Teaching and Learning Modes	1. Lectures / Classes 2. Practical Sessions 3. Tutorials
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Approved Countries	Ireland
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Physical Resource Requirements

Refer to provider

Staff Profiles	Qualifications and Experience	WTE
Dean of Faculty	The Dean of Faculty is a member of the Executive Leadership Team and reports directly to the College President. This post manages the teaching Faculty within CCT College and takes management responsibility for the operation of the two faculties. Along with the Dean of Teaching & Learning, the Dean of Faculty holds executive responsibility for the development of teaching, learning and assessment within CCT College. The person occupying this role also has operational responsibility for academic standards, academic direction and quality assurance management of programmes within both faculties, and plays a leading role in the periodic review of existing programmes and development of new programmes with support from the Dean of Academic Affairs and other members of the Executive Leadership Team.	1
Programme Leader	Meets the minimum requirements for a lecturer. In CCT College a programme leader has responsibility for the management, delivery and academic integrity of the programme they lead. This includes but is not limited to ensuring fitness for purpose of all aspects of programme design, development, delivery and assessment, the quality of programme content and the learning experience. A programme leader is required to be cognisant of QA policies and procedures and the parameters of the validation for the programme they lead.	1
Lecturer	Minimum NFQ Level 9 cognate award is normally required. However NFQ Level 8 in a cognate award is acceptable in cases where significant industrial experience is evident. A minimum of 1 year relevant applied experience required, and 3 years of is experience preferred. Previous third level teaching experience and completion of a postgraduate CPD/Certificate in Teaching and Learning or similar is desired, but relevant professional development is provided for all teaching staff.	1
Librarian	Relevant qualification and professional experience in librarianship.	1
Head of Student Services	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	1
EDI Officer	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	0.5
Careers Officer	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	0.5

Approved Centres	Centre	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	38484N CCT College Dublin	0	0

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

Learner Teacher Ratios	Learning Activity	Ratio
	Lecture	1:90

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG24245	Bachelor of Science in Computing and Information Technology	08-Apr-20

Embedded Programme

Validation Process: **Revalidation**

Code	Title	Award	Exit Only
PG26422	Higher Certificate in Science in Computing and Information Technology	Higher Certificate in Science (Higher Certificate at NFQ Level 6) 6M22995 120 credits	Yes

	Full Time	Part Time	Delivery Mode: full-time / part-time	Full Time
Duration (months)	24	N/A		

Target Learner Groups

The Bachelor of Science in Computing and Information Technology is an embedded exit award in the Bachelor of Science (Honours) in Computing and Information Technology.

Brief Synopsis of the Programmes

The Bachelor of Science in Computing and Information Technology is an embedded exit award in the Bachelor of Science (Honours) in Computing and Information Technology.

Minimum Intended Programme Learning Outcomes

On completion of this programme the learner will be able to:

1. Demonstrate ability to assimilate specialist knowledge across a broad range of computing skills.
2. Link and demonstrate the core concepts, theories, best practices and professional roles in computing and IT.
3. Implement and test integrated computing and IT solutions in a range of domains and present to stakeholders.
4. Use appropriate judgement and best practice to interpret and resolve, test and document a range of specific computing and IT problems
5. Apply theoretical concepts and technical skills to devise creative and ethical solutions in various computing and IT contexts, informed by relevant regulations and professional standards.
6. Act responsibly and professionally under supervision and collaborate effectively within a team.
7. Identify, and communicate personal learning needs to address skills-gaps for professional development.
8. Engage constructively with others to incorporate feedback when expressing professional views.

Teaching and Learning Modes	1. Lectures / Classes 2. Practical Sessions 3. Tutorials
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Approved Countries	Ireland
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Physical Resource Requirements

Refer to provider

Staff Profiles	Qualifications and Experience	WTE
Lecturer	Minimum NFQ Level 9 cognate award is normally required. However NFQ Level 8 in a cognate award is acceptable in cases where significant industrial experience is evident. A minimum of 1 year relevant applied experience required, and 3 years of is experience preferred. Previous third level teaching experience and completion of a postgraduate CPD/Certificate in Teaching and Learning or similar is desired, but relevant professional development is provided for all teaching staff.	1
Librarian	Relevant qualification and professional experience in librarianship.	1
Dean of Faculty	The Dean of Faculty is a member of the Executive Leadership Team and reports directly to the College President. This post manages the teaching Faculty within CCT College and takes management responsibility for the operation of the two faculties. Along with the Dean of Teaching & Learning, the Dean of Faculty holds executive responsibility for the development of teaching, learning and assessment within CCT College. The person occupying this role also has operational responsibility for academic standards, academic direction and quality assurance management of programmes within both faculties, and plays a leading role in the periodic review of existing programmes and development of new programmes with support from the Dean of Academic Affairs and other members of the Executive Leadership Team.	1
Programme Leader	Meets the minimum requirements for a lecturer. In CCT College a programme leader has responsibility for the management, delivery and academic integrity of the programme they lead. This includes but is not limited to ensuring fitness for purpose of all aspects of programme design, development, delivery and assessment, the quality of programme content and the learning experience. A programme leader is required to be cognisant of QA policies and procedures and the parameters of the validation for the programme they lead.	1
Head of Student Servies	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	1
EDI Officer	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	0.5
Careers Officer	Relevant qualification and demonstrable experience in the provision of support to diverse learning populations.	0.5

Approved Centres	Centre	Minimum Enrolment per Annum	Maximum Enrolment per Annum
	38484N CCT College Dublin	0	0

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

Learner Teacher Ratios	Learning Activity	Ratio
	Lecture	1:90

Programme being replaced by this Programme	Prog Code	Programme Title	Validated
	PG24246	Higher Certificate in Science in Computing and Information Technology	08-Apr-20

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

Part 2.5 Special Conditions of Validation

Programme and stage schedules

PG26420 Bachelor of Science (Honours) in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26420 Bachelor of Science (Honours) in Computing and Information Technology													
Award Title		Bachelor of Science (Honours)							Exit Award Only		N/A				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage		Stage NFQ Level		Stage Credits		First Intake		ISCED Code			
Full time	Major	8	6	Stage 1				60		Sep 2025		06.1.3			
Module					Total Student Effort Module (Hours)					Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Programming Basics & Lab			1	M	10	250	60	0	190	0	10	0	90	0	0
Intro to UI/UX and Design			1	M	5	125	30	0	95	0	100	0	0	0	0
Computing Architecture			1	M	5	125	30	0	95	0	100	0	0	0	0
Networking Basics			1	M	5	125	30	0	95	0	100	0	0	0	0
Professional Skills and Ethics			1	M	5	125	30	0	95	0	100	0	0	0	0
Programming Fundamentals			2	M	5	125	30	0	95	0	0	0	100	0	0
Discrete Maths for Computing			2	M	5	125	30	0	95	0	50	0	0	50	0
Client-Side Web Development			2	M	5	125	30	0	95	0	60	0	40	0	0
Operating Systems			2	M	5	125	30	0	95	0	100	0	0	0	0
Network Technologies			2	M	5	125	30	0	95	0	100	0	0	0	0
Project Management Skills			2	M	5	125	30	0	95	0	100	0	0	0	0

PG26420 Bachelor of Science (Honours) in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26420 Bachelor of Science (Honours) in Computing and Information Technology													
Award Title		Bachelor of Science (Honours)							Exit Award Only		N/A				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage Credits	First Intake		ISCED Code						
Full time	Major	8	6	Stage 2		60	Sep 2025		06.1.3						
Module				Total Student Effort Module (Hours)						Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Programming with Data Structures			1	M	5	125	30	0	95	0	0	0	100	0	0
Linear Algebra			1	M	5	125	30	0	95	0	50	0	0	50	0
Relational Databases			1	M	5	125	30	0	95	0	60	0	40	0	0
Secure Wireless Networking			1	M	5	125	30	0	95	0	100	0	0	0	0
Server-Side Web Development			1	M	5	125	30	0	95	0	60	0	40	0	0
Cloud Computing Fundamentals			1	M	5	125	30	0	95	0	100	0	0	0	0
Software Modelling & Design			2	M	5	125	30	0	95	0	100	0	0	0	0
Non-Relational Databases			2	M	5	125	30	0	95	0	70	0	30	0	0
Network Services & Virtualisation			2	M	5	125	30	0	95	0	100	0	0	0	0
Research Skills & Ethics				M	5	125	30	0	95	0	100	0	0	0	0
Cross-Platform Development			2	M	10	250	60	0	190	0	100	0	0	0	0

PG26420 Bachelor of Science (Honours) in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26420 Bachelor of Science (Honours) in Computing and Information Technology													
Award Title		Bachelor of Science (Honours)							Exit Award Only		N/A				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level		Stage		Stage NFQ Level		Stage Credits		First Intake		ISCED Code		
Full time	Major	8	6		Stage 3				60		Sep 2025		06.1.3		
Module					Total Student Effort Module (Hours)					Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Numerical Methods for Programming			1	M	5	125	30	0	95	0	60	0	0	40	0
Algorithms & Complexity			1	M	5	120	30	0	90	0	100	0	0	0	0
Design Patterns & Architectures			1	M	5	125	30	0	95	0	0	0	100	0	0
Switching & Routing			1	M	5	125	30	0	95	0	100	0	0	0	0
Blockchain Technology & Applications			1	M	10	250	60	0	190	0	100	0	0	0	0
Cybersecurity			2	M	10	250	60	0	190	0	100	0	0	0	0
Data Storage Technologies			2	M	10	250	60	0	190	0	100	0	0	0	0
Commerical Computing			2	M	10	250	60	0	190	0	100	0	0	0	0

PG26420 Bachelor of Science (Honours) in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26420 Bachelor of Science (Honours) in Computing and Information Technology													
Award Title		Bachelor of Science (Honours)							Exit Award Only		N/A				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level		Stage		Stage NFQ Level		Stage Credits		First Intake		ISCED Code		
Full time	Major	8	6		Award Stage		8		60		Sep 2025		06.1.3		
Module					Total Student Effort Module (Hours)					Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Concurrent Programming			1	M	10	250	60	0	190	0	100	0	0	0	0
Artificial Intelligence			1	M	10	250	60	0	190	0	100	0	0	0	0
Ethics & Professional Development			1	M	5	125	30	0	95	0	100	0	0	0	0
Capstone Project Preparation			1	M	5	125	30	0	95	0	100	0	0	0	0
Strategy & Risk in IT			2	M	5	125	30	0	95	0	100	0	0	0	0
DevOps			2	M	5	125	30	0	95	0	100	0	0	0	0
Capstone Project			2	M	20	500	130	0	370	0	0	0	100	0	0

PG26421 Bachelor of Science in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26421 Bachelor of Science in Computing and Information Technology													
Award Title		Bachelor of Science							Exit Award Only		Yes				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage		Stage NFQ Level		Stage Credits		First Intake		ISCED Code			
Full time	Major	7	6	Stage 1				60		Sep 2025		06.1.3			
Module					Total Student Effort Module (Hours)					Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Programming Basics & Lab			1	M	10	250	60	0	190	0	10	0	90	0	0
Intro to UI/UX and Design			1	M	5	125	30	0	95	0	100	0	0	0	0
Computing Architecture			1	M	5	125	30	0	95	0	100	0	0	0	0
Networking Basics			1	M	5	125	30	0	95	0	100	0	0	0	0
Professional Skills and Ethics			1	M	5	125	30	0	95	0	100	0	0	0	0
Programming Fundamentals			2	M	5	125	30	0	95	0	0	0	100	0	0
Discrete Maths for Computing			2	M	5	125	30	0	95	0	50	0	0	50	0
Client-Side Web Development			2	M	5	125	30	0	95	0	60	0	40	0	0
Operating Systems			2	M	5	125	30	0	95	0	100	0	0	0	0
Network Technologies			2	M	5	125	30	0	95	0	100	0	0	0	0
Project Management Skills			2	M	5	125	30	0	95	0	100	0	0	0	0

PG26421 Bachelor of Science in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26421 Bachelor of Science in Computing and Information Technology													
Award Title		Bachelor of Science							Exit Award Only		Yes				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage Credits	First Intake		ISCED Code						
Full time	Major	7	6	Stage 2		60	Sep 2025		06.1.3						
Module				Total Student Effort Module (Hours)						Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Programming with Data Structures			1	M	5	125	30	0	95	0	0	0	100	0	0
Linear Algebra			1	M	5	125	30	0	95	0	50	0	0	50	0
Relational Databases			1	M	5	125	30	0	95	0	60	0	40	0	0
Secure Wireless Networking			1	M	5	125	30	0	95	0	100	0	0	0	0
Server-Side Web Development			1	M	5	125	30	0	95	0	60	0	40	0	0
Cloud Computing Fundamentals			1	M	5	125	30	0	95	0	100	0	0	0	0
Software Modelling & Design			2	M	5	125	30	0	95	0	100	0	0	0	0
Non-Relational Databases			2	M	5	125	30	0	95	0	70	0	30	0	0
Network Services & Virtualisation			2	M	5	125	30	0	95	0	100	0	0	0	0
Research Skills & Ethics				M	5	125	30	0	95	0	100	0	0	0	0
Cross-Platform Development			2	M	10	250	60	0	190	0	100	0	0	0	0

PG26421 Bachelor of Science in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26421 Bachelor of Science in Computing and Information Technology													
Award Title		Bachelor of Science							Exit Award Only		Yes				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level		Stage	Stage NFQ Level		Stage Credits		First Intake		ISCED Code			
Full time	Major	7	6		Award Stage	7		60		Sep 2025		06.1.3			
Module					Total Student Effort Module (Hours)					Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Numerical Methods for Programming			1	M	5	125	30	0	95	0	60	0	0	40	0
Algorithms & Complexity			1	M	5	120	30	0	90	0	100	0	0	0	0
Design Patterns & Architectures			1	M	5	125	30	0	95	0	0	0	100	0	0
Switching & Routing			1	M	5	125	30	0	95	0	100	0	0	0	0
Blockchain Technology & Applications			1	M	10	250	60	0	190	0	100	0	0	0	0
Cybersecurity			2	M	10	250	60	0	190	0	100	0	0	0	0
Data Storage Technologies			2	M	10	250	60	0	190	0	100	0	0	0	0
Commerical Computing			2	M	10	250	60	0	190	0	100	0	0	0	0

PG26422 Higher Certificate in Science in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26422 Higher Certificate in Science in Computing and Information Technology													
Award Title		Higher Certificate in Science							Exit Award Only		Yes				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage Credits	First Intake		ISCED Code						
Full time	Major	6	5	Stage 1		60	Sep 2025		06.1.3						
Module				Total Student Effort Module (Hours)						Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Programming Basics & Lab			1	M	10	250	60	0	190	0	10	0	90	0	0
Intro to UI/UX and Design			1	M	5	125	30	0	95	0	100	0	0	0	0
Computing Architecture			1	M	5	125	30	0	95	0	100	0	0	0	0
Networking Basics			1	M	5	125	30	0	95	0	100	0	0	0	0
Professional Skills and Ethics			1	M	5	125	30	0	95	0	100	0	0	0	0
Programming Fundamentals			2	M	5	125	30	0	95	0	0	0	100	0	0
Discrete Maths for Computing			2	M	5	125	30	0	95	0	50	0	0	50	0
Client-Side Web Development			2	M	5	125	30	0	95	0	60	0	40	0	0
Operating Systems			2	M	5	125	30	0	95	0	100	0	0	0	0
Network Technologies			2	M	5	125	30	0	95	0	100	0	0	0	0
Project Management Skills			2	M	5	125	30	0	95	0	100	0	0	0	0

PG26422 Higher Certificate in Science in Computing and Information Technology

Name of Provider		CCT College Dublin													
Programme Title		PG26422 Higher Certificate in Science in Computing and Information Technology													
Award Title		Higher Certificate in Science							Exit Award Only		Yes				
Teaching and learning modalities		Lectures / Classes; Practical Sessions; Tutorials													
Delivery Modes	Award Class	Award NFQ Level	Award EQF Level	Stage	Stage NFQ Level	Stage Credits	First Intake		ISCED Code						
Full time	Major	6	5	Award Stage	6	60	Sep 2025		06.1.3						
Module				Total Student Effort Module (Hours)						Allocation of Marks					
Title			Semester	Status	Credit	Total Hours	Class Contact Hours	Direct e-learning	Hours of independent learning	Work-based learning efforts	C.A. %	Project %	Skills demonstration %	Exam %	Workbased %
Programming with Data Structures			1	M	5	125	30	0	95	0	0	0	100	0	0
Linear Algebra			1	M	5	125	30	0	95	0	50	0	0	50	0
Relational Databases			1	M	5	125	30	0	95	0	60	0	40	0	0
Secure Wireless Networking			1	M	5	125	30	0	95	0	100	0	0	0	0
Server-Side Web Development			1	M	5	125	30	0	95	0	60	0	40	0	0
Cloud Computing Fundamentals			1	M	5	125	30	0	95	0	100	0	0	0	0
Software Modelling & Design			2	M	5	125	30	0	95	0	100	0	0	0	0
Non-Relational Databases			2	M	5	125	30	0	95	0	70	0	30	0	0
Network Services & Virtualisation			2	M	5	125	30	0	95	0	100	0	0	0	0
Research Skills & Ethics				M	5	125	30	0	95	0	100	0	0	0	0
Cross-Platform Development			2	M	10	250	60	0	190	0	100	0	0	0	0