



Institute of Technology Sligo
INSTITIÚID TEICNEOLAÍOCHTA SLIGEACH
PROGRAMME VALIDATION REPORT

Date of Evaluation: 20th November 2020

Programmes Evaluated: Certificate in Science in Digital Construction Technology (30 ECTS L7) Minor award On-line
Certificate in Science in Construction Site Management (30 ECTS L7) Minor Award On-line

Award Title: Certificate in Science in Digital Construction Technology
Certificate in Science in Construction Site Management

Unique Programme Reference Number PRN: SG_SCONS_N07 and SG_SDIGI_E07 To be confirmed

Panel of Assessors:

Name & title	Job title & place of work	Role on panel
Dr Breda McTaggart	Head of Department of Social Sciences	Chairperson
Mr Niall McEvoy	Head of Innovation, Institute of Technology Sligo	Panel member
M Francis Fidgeon	Partner CST Group Chartered Consulting Engineers	Panel member
Dr Aodhmar Cadogan	Assistant registrar, ITSligo	Recording Secretary

Declaration Regarding Any Conflicts of Interest: The members of the Panel signed a form confirming that they did not have any conflict of interest.

Meeting groups

Institute Management: Trevor McSharry, Head of Department of Civil Engineering and Construction

Persons met by validation panel

Name & title	Role in Institute	Rationale for presence at validation.
Owen Feeney	Lecturer	Programme Development Team
Barrie Cox	Lecturer	Programme team
Alex McGee	Lecturer	Programme team
Lisa Brennan	Lecturer	Programme team

Validation criteria	Sufficient evidence /Insufficient evidence
<p>Rationale for the programme</p> <ul style="list-style-type: none"> • Philosophy underpinning the programme e.g. market for programme in the region and its relevance to the region • Graduate profile and employment opportunities for graduates • Rationale for the programme e.g. School's/Institute's strengths/opportunities • Programme Aims and Objectives • Expected intellectual development and Programme learning outcomes • Related existing programmes. 	Sufficient Evidence Provided.
<p>Commendation: The panel welcomed the provision of smaller minor award to allow students to upskill and to engage employed in further education by providing short courses such as these. The panel also recognised the fast changing nature of construction and the need for flexibility in the syllabus to adapt to changing regulations and trends.</p> <p>Condition: None</p> <p>Recommendation: None</p>	
<p>Programme structure</p> <ul style="list-style-type: none"> • Delivery type (semesterised or stage-based) • Proposed mode of delivery on-line • Planned intake numbers (over the full duration of the programme) 	Sufficient Evidence Provided

<p>Commendation: None Condition: None Recommendation: None</p>	
<p>Resources (over the full duration of the programme)</p> <ul style="list-style-type: none"> • Facilities and human and material resources available to mount the programme • Location of the delivery • Specific s requirements: lecture rooms, laboratories, library, Information technology and other student supports • Confirmation regarding any new facilities and staffing requirements • Special requirements (e.g. remote access for distance learners) 	<p>Sufficient Evidence Provided. No additional resources or staffing required.</p>
<p>Commendation: None Condition: None Recommendation: None</p>	
<p>Access, Transfer and Progression Criteria</p> <ul style="list-style-type: none"> • Student admission requirements • Progression criteria from one stage to the next and to higher levels on the NFQ • Non-standard entry (e.g. mature candidates and candidates with experiential learning) • Transfer policy into the programme and onto other programmes 	<p>Sufficient Evidence Provided. Access routes s clear and rational provided.</p>
<p>Commendation: None Condition: None Recommendation: None</p>	
<p>Curriculum</p> <ul style="list-style-type: none"> • A matrix exhibiting the academic pathway and the relationship between modules • The consistency between the programme content, teaching methods and the programme learning outcomes • Balance between the depth and breadth of the programme • Rigour of the academic standard in the final stage of the programme • Student workload 	<p>Insufficient Evidence Provided. The panel discussed the important of Site surveying / site setting out in the construction site management process and advised it should be included in the Cert in Construction site management.</p>

<ul style="list-style-type: none"> Practice: the role and management of placement or work-based projects. 	
<p>Commendation: None</p> <p>Condition for Certificate in Construction Site Management:</p> <ol style="list-style-type: none"> 1. Include content on Site setting out in Site management CONS07048. <p>Condition for both programmes:</p> <ol style="list-style-type: none"> 2. Remove the ‘?’ from the other resources / additional information / online resources in the programme documentation for both programmes and include information as relevant. <p>Recommendation:</p> <ol style="list-style-type: none"> 1. The panel noted the reference to NZEB in the Building Surveying (SURV07014) module. The panel recommends emphasising NZEB more in marketing of the programme as it is potentially an attractive element of the course. 	
<p>Assessment</p> <ul style="list-style-type: none"> • The appropriateness of the modes of assessment to be used • The balance between the marks awarded for different assessment modes (e.g. continuous assessment, projects, reports, sit-down examination) • Confirmation that all of the programme learning outcomes are appropriately and adequately assessed within the set of module assessments. 	<p>Sufficient Evidence Provided. These modules are already approved as part of a larger programme.</p>
<p>Commendation: None</p> <p>Condition: None</p> <p>Recommendation: None</p>	
<p>Staffing</p> <ul style="list-style-type: none"> • Quality and specialities of staff available to support the programme • Technical and administrative support • Staff development • Industrial/commercial profile of staff • Research and publications 	<p>Sufficient Evidence Provided. No additional staffing requirements</p>
<p>Commendation: None</p>	

Condition: None Recommendation: None	
Programme Administration and Quality Assurance <ul style="list-style-type: none"> • Procedure for managing programme • Student support student counselling and tutorial arrangements • Aspects of programme which highlight and foster study skills, independent learning and the inculcation of individual responsibility in students • EU and international aspects if appropriate • Feedback mechanisms e.g. use of surveys, focus groups and follow-up actions. 	Sufficient Evidence Provided. QA procedure in place provide the necessary structures.
Commendation: None Condition: None Recommendation: None	

Overall decision of the panel	
<p>The panel agreed to recommend to the Academic council the approval of the following programmes:</p> <p>Certificate in Science in Digital Construction Technology Certificate in Science in Construction Site Management</p>	

Chairperson: Dr Breda McTaggart

_____ Date _____

Secretary: Dr Aodhmar Cadogan

_____ Date: _____

Approved Programme Schedule - SG_SCONS_N07 Certificate in Science in Construction Site Management

Stage 1

Delivery	Code	Module Title	Level	Credit	M/E	IL	OL	FO	CA	PF	EXAM	PROJ	PRAC	Total
SEM 1	QUSU07022	Project Feasibility and Appraisal	07	05	M	5.00	1.00	0	30	0	70	0	0	100
SEM 1	CONS07048	Site Management	07	05	M	5.00	1.00	0	40	0	60	0	0	100
SEM 1	QUSU07028	Fundamentals of Measurement and Cost Control	07	05	M	5.00	2.00	0	40	0	60	0	0	100
SEM 2	QUSU07023	Project Programming and Control	07	05	M	5.00	1.00	0	30	0	70	0	0	100
SEM 2	CONS07049	Construction Contract Administration and Procurement	07	05	M	5.00	1.00	0	40	0	60	0	0	100
SEM 2	SURV07013	Building Surveying	07	05	M	5.00	0.00	0	40	0	60	0	0	100
Credit Total				30										

Semesters Per Stage	Elective Rules Per Stage	Credits Required	Award Percentage
2	0	30	100

Key
M/E - Mandatory/Elective, OL - Online Learning, FO - Formative, CA - Continuous Assessment, PF - Pass/Fail, EXAM - Final Exam, PROJ - Project, PRAC - Practical,

Approved Programme Schedule - SG_SDIGI_E07 Certificate in Science in Digital Construction Technology

Stage 1

Delivery	Code	Module Title	Level	Credit	M/E	IL	OL	FO	CA	PF	EXAM	PROJ	PRAC	Total
SEM 1	CONS07051	Building Services	07	05	M	5.00	1.00	0	40	0	60	0	0	100
SEM 1	QUSU07026	Industrial Buildings - Construction Technology	07	05	M	3.00	2.00	0	40	0	60	0	0	100
SEM 1	CONS07046	Building Information Modelling Fundamentals	07	05	M	2.00	1.00	0	10	0	40	50	0	100
SEM 2	SURV07012	Site Surveying	07	05	M	5.00	0.00	0	40	0	60	0	0	100
SEM 2	CONS07047	Building Information Modelling & Collaboration	07	05	M	5.00	1.00	0	10	0	40	50	0	100
SEM 2	QUSU07027	Commercial Buildings - Construction Technology	07	05	M	3.00	2.00	0	40	0	60	0	0	100
Credit Total				30										

Semesters Per Stage	Elective Rules Per Stage	Credits Required	Award Percentage
2	0	30	100

Special Regulation
Module(s) with Failed Elements: CONS07046 Building Information Modelling

Key
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