



Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology

APPROVED

Awards

BSc

Programme Code: CR_CCECO_7

Mode of Delivery: Full Time, Part Time, ACCS, Open

No. of Semesters: 6

NFQ Level: 7

Embedded Award: No

Programme Credits: 180

programmeReviewDate: May 2024

Department: CONSTRUCTION

Field of Study: Building Science

Programme Outcomes

Upon successful completion of this programme the graduate will be able to demonstrate... :

PO1	Knowledge - Breadth
	(a) A broad knowledge and understanding of the wide and varied range of activities of their discipline, including cost planning and control, procurement choice, development finance, building technology, bill of quantities production and pricing and contract administration.
PO2	Knowledge - Kind
	(a) The ability to apply knowledge of cost planning and control, procurement choice, development finance, building technology, bill of quantities production and pricing and contract administration to manage construction projects from a commercial perspective.
PO3	Skill - Range
	(a) The ability to use advanced techniques, skills and computer based tools necessary for Quantity Surveying practice.
PO4	Skill - Selectivity
	(a) The ability to adapt successfully to change, provide for new construction technologies and accommodate wider professional responsibilities and ethical standards.
PO5	Competence - Context
	(a) The intellectual ability to comprehend concepts and ideas arising from a variety of construction-related disciplines including science, technology and the arts, to analyse, make value judgements and propose practical and economically viable solutions to construction problems, in a multi- dimensional information environment, matched to the client's specific requirements rather than presenting standard or traditional construction solutions.
PO6	Competence - Role
	(a) The ability to work effectively as an individual, in teams and as part of a multi-disciplinary team and communicate with all others involved in the construction process and society at large.
PO7	Competence - Learning to Learn
	(a) The ability to identify and address learning needs, to adapt successfully to change, provide for new construction technologies and accommodate wider professional and ethical standards.
PO8	Competence - Insight
	(a) An understanding of the wider social, political, business and economic context within which the Quantity Surveyor operates and the need for high ethical standards in its practice, including the responsibilities of the Quantity Surveying profession towards people and the environment.

Semester Schedules

Stage 1 / Semester 1

Mandatory	
Module Code	Module Title
BULD6001	Domestic Water Based Services
CMOD6001	Creativity Innovation&Teamwork
MATH6064	Mathematics for Construction
BULD6003	Intro to Construction Graphics
BULD6008	Principles of Constr. Techn.
BULD6004	Constr. Industry & Procedures

Stage 1 / Semester 2

Mandatory	
Module Code	Module Title
BULD6002	Domestic Building Services
BULD6006	Organisation & Management
BULD6005	Elemental Construction Techn.
BULD6011	Constr. Materials & Structures
BULD6007	Measurement & Tendering

Elective	
Module Code	Module Title
LANG6007	German 1.1 (Beginners)
FREE6001	Free Choice Module
BULD6012	Construction Graphics

Stage 2 / Semester 1

Mandatory	
Module Code	Module Title
CIVL6028	Introductory Land Surveying
BULD6013	Integrated Building Services
BULD6014	Construction Economics
BULD6015	Construction Site Management
BULD6017	Adv. Resident. Constr. Techn.
BULD6023	Measurement Domestic Constr.

Stage 2 / Semester 2

Mandatory	
Module Code	Module Title
BULD6016	Construction Mgmt and Planning
BULD6018	Constr. Tech.: Low Rise Bldgs.
BULD6019	Cost Planning and Control
BULD6024	Construction Law
BULD6022	Measurement and Estimating
Elective	
Module Code	Module Title
BULD6030	Principles of Electronic Meas.
BULD6031	Building Surveying
LANG6008	German 1.2
FREE6001	Free Choice Module

Stage 3 / Semester 1

Mandatory	
Module Code	Module Title
BULD7012	Measurement - Commercial
BULD7004	Constr. Commer. Substructure
BULD7028	Construction Procurement
BULD7027	Construction Contract
BULD7011	Commercial & Financial Mngmt.
Elective	
Module Code	Module Title
BULD7003	Industrial Building Services
LANG6019	German 2.1
FREE6001	Free Choice Module

Stage 3 / Semester 2

Mandatory	
Module Code	Module Title
BULD7013	Measurement - Industrial
BULD7006	Const. Measurement Project
BULD7005	Constr. Commer. Superstructure
BULD7035	Advanced Cost Planning
INTR7025	Work Placement in AEC