



Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology

APPROVED

Awards					
Higher Certificate in Sc					
Programme Code:	CR_CCONS_6	Mode of Delivery:	Full Time, Part Time, ACCS, Open, Partially Online	No. of Semesters:	4
NFQ Level:	6				
Embedded Award:	No	Programme Credits:	120		
programmeReviewDate:	May 2021				
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 Construction Technology, Building services, Construction Management, Construction Measurement, Land Surveying, Construction Graphics, Law, Economics and Cost planning and control.
PO2	Knowledge - Kind
	(a) The ability to apply knowledge of Construction Technology, Building services, Construction Management, Construction Measurement, Land Surveying, Construction Graphics, Law, Economics and Cost planning and control to construction problems.
PO3	Skill - Range
	(a) The ability to use basic techniques, skills and computer based tools necessary for construction practice.
PO4	Skill - Selectivity
	(a) The ability to adapt successfully to change, provide for new construction technologies and accommodate wider professional responsibilities.
PO5	Competence - Context
	(a) The ability to comprehend, analyse and propose practical solutions to construction problems in a multi- dimensional information environment.
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 technological and environmental consequences of the construction process and product.

Semester Schedules

Stage 1 / Semester 1

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

Stage 1 / Semester 2

Mandatory	
Module Code	Module Title
BULD6002	Domestic Building Services
BULD6005	Elemental Construction Techn.
BULD6006	Organisation & Management
BULD6007	Measurement & Tendering
BULD6011	Constr. Materials & Structures
Elective	
Module Code	Module Title
BULD6012	Construction Graphics
LANG6007	German 1.1 (Beginners)
FREE6001	Free Choice Module

Stage 2 / Semester 1

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

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
BULD6022	Measurement and Estimating
BULD6024	Construction Law

Elective	
Module Code	Module Title
CIVL7025	Practical Land Surveying
LANG6008	German 1.2
FREE6001	Free Choice Module