



Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology

APPROVED

Awards			
MSc			
Programme Code:	CR_CCOPM_9	Mode of Delivery:	Full Time, Part Time, Distance Learning, ACCS, Open
		No. of Semesters:	3
NFQ Level:	9		
Embedded Award:	No		
programmeReviewDate:			
Department:	CONSTRUCTION		

Programme Outcomes

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

PO1	Knowledge - Breadth
	(a) Demonstrate a wide and systematic knowledge of project management principles and their practical application in the management of overall design and construction of complex development projects; an understanding of the key parameters and the business, technical, economic, environmental and social issues relating to Construction Project Management.
PO2	Knowledge - Kind
	(a) Communicate practical solutions to problems; Demonstrate flexibility and adaptability; Demonstrate the capacity to handle uncertainty and unforeseen events; Be critically aware of the business and project environment; Possess a broad perspective of project goals; Assume greater responsibility and to contribute to groups and teams; and demonstrate specialist skills and expertise while possessing a balanced, objective and well focused perspective.
PO3	Skill - Range
	(a) Possess a broad range of personal and organisational skills such as conceptual, diagnostic, technical, interpersonal, informational, communication, risk taking, analytical, problem solving; Demonstrate rational decision making, an ability to build trust and communicate effectively; Gain and use power appropriately, manage relationships, cultural differences and workforce diversity and create high performance teams.
PO4	Skill - Selectivity
	(a) Define and resolve structured & un-structured problems; Analyse soft or hard issue problems; Interpret clear/un-clear problems; Demonstrate qualitative and quantitative judgement based on experience and intuition, Demonstrate objectivity when dealing with complex issues.
PO5	Competence - Context
	(a) Apply the knowledge learned in different environments in their own organizations and projects; Apply knowledge in contexts which are unpredictable/predictable, which are contingent on the organisation, the project and the business environment; Demonstrate awareness, flexibility and anticipation of these contexts and adapt accordingly.
PO6	Competence - Role
	(a) Assume responsibility within their organisation; Lead, create, initiate and stimulate thoughtful responses to project requirements and problems, etc; Demonstrate an ability to implement communication structures within a project organisation.
PO7	Competence - Learning to Learn
	(a) Evaluate their own learning, identify knowledge gaps, and take responsibility for the pursuit of academic professional development pathways; Identify a shared concern to actually learn and create a supportive learning culture in their organization; Be aware that learning leads to a better future for employees, affording them psychological safety and promotional prospects; Recognise there is an opportunity for shared learning and information in the management of knowledge in project environments.
PO8	Competence - Insight
	(a) Critically evaluate the technical, economic, environmental, ethical and social implications of Construction Project Management solutions; Demonstrate confidence which reflects their academic achievements and practical experience and be respected in the workplace; Demonstrate an ability to act as a role model; Act as a facilitator within their organisation and encourage other employees to offer new ideas thus ensuring the spread of new innovative knowledge.

Semester Schedules

Stage 1 / Semester 1

Mandatory	
Module Code	Module Title
BULD9002	Contract Admin/Dispute Resolve
INTR9005	Sustainability in Engineering
INTR9010	Research Skills and Practice
INTR9013	Const. Project Management
INTR9015	Org Mgt & Knowledge Mgt
Elective	
Module Code	Module Title
BULD8005	Corporate Const Finance
BULD8024	M&E Cost Planning
BULD8006	Strategic Construction
BULD8025	Development Appraisal
BULD8027	Advanced Measurement
MGMT8005	Entrepreneurship
MGMT9014	New Venture Growth
MGMT8017	Strategic Business Management

Stage 1 / Semester 2

Mandatory	
Module Code	Module Title
INTR9007	Eng. Project Management
INTR9009	Global Project Management
INTR9011	Research Project Development
INTR9014	Construction Value & Risk Mgt
Elective	
Module Code	Module Title
BULD8023	M&E Measurement
BULD8010	Site Management and Technology
BULD8007	Construction Psychology
BULD8004	Construction Project Controls
BULD8030	Commercial Management
INTR9017	Infrastructure Asset Mgmt
ARCH8004	Adapt & Reuse: Conservation
CHEP8008	Environmental Management
MGMT8009	Intl Strategies & Org.
MGMT9024	Leadership & Change Management
MGMT9003	Managing Innovation

Stage 2 / Semester 1

Mandatory	
Module Code	Module Title
INTR9012	Research Project Realisation