

APPROVED

Certificate in Mechanical, Electrical and Plumbing BIM Applications
Faculty of Engineering & Science

Award Class					
Awards					
Certificate					
Programme Code	CR_EMEPB_7	Mode of Delivery	Part Time	No. of Semesters	2
NFQ Level	7	Embedded Award	No	Programme Credits	15
Next Review Date					
Review Type				Date	
Programmatic Review				01/06/2019	
Department	PROCESS, ENERGY & TRANSPORT ENGINEERING				

Programme Outcomes

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

#	PO Domains	Programme Learning Outcome
PO1	Knowledge - Breadth	Demonstrate a knowledge of technologies and practices relevant to the use of 3D drawing software.
PO2	Knowledge - Kind	Demonstrate the ability to develop and implement applied drawing package solutions to quantify building project components.
PO3	Skill - Range	Demonstrate the ability to use modern computer-based engineering software tools to solve well defined building and services design problems and communicate effectively with the engineering community.
PO4	Skill - Selectivity	Demonstrate the ability to apply, manipulate and develop the design of a system, component or process to meet specified needs in the Building Services area.
PO5	Competence - Context	Demonstrate an understanding of the impact of system design on function, quality and cost.

Semester Schedules

Year 1 / Semester 1

Mandatory				
Code	Title	Module Coordinator	Version	Credits
MECH7022	3D Piping Design	NIALL MORRIS	1	5
MANU6006	REVIT Introduction	Michael J. O Mahony	3	5

Year 1 / Semester 2

Mandatory				
Code	Title	Module Coordinator	Version	Credits
MECH7023	Revit MEP	NIALL MORRIS	3	5

