APPROVED

Certificate in Process Instrumentation & Calibration

Faculty of Engineering & Science

Award Class	

Awards
Certificate

Programme Code	CR_SICAL_6	**Mode of Delivery**	Full Time, Part Time, ACCS	**No. of Semesters**	2
NFQ Level	6	**Embedded Award**	No	**Programme Credits**	30

Next Review Date	
Review Type	*Date*
Programmatic Review	01/02/2024

Department	PHYSICAL SCIENCES
Field of Study	4411 - Physics

Programme Outcomes

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

#	PO Domains	Programme Learning Outcome
PO1	Knowledge - Breadth	a basic knowledge and understanding of the construction, operating procedures and installation methods for industrial instruments and their industrial settings.
PO2	Knowledge - Kind	a proficiency for practical work and the ability to work with standard operating procedures.
PO3	Skill - Range	testing, calibrating and validating instrumentation within regulated industries.
PO4	Skill - Selectivity	obtaining, documenting and interpreting data within regulated industries
PO5	Competence - Context	formulating appropriate responses to well defined problems.
PO6	Competence - Learning to Learn	recognising the need for life-long learning and professional development.

Semester Schedules

Year 1 / Semester 1

Mandatory				
Code	*Title*	*Module Coordinator*	*Version*	*Credits*
PHYS6008	**Instrument Measurement**	Donagh OMahony	4	5
INTR6015	**Intro to Industrial Utilities**	Donagh OMahony	3	5
MATH6047	**Mathematics for Craftspersons**	David Goulding	2	5

Year 1 / Semester 2

Mandatory				
Code	*Title*	*Module Coordinator*	*Version*	*Credits*
PHYS6035	**CAD for Instrumentation**	Donagh OMahony	2	5
PHYS6007	**Instrument Calibration**	Donagh OMahony	5	5
PHYS6031	**Process Instrumentation**	Donagh OMahony	4	5