



Title:	Project - Implementation Phase APPROVED
Long Title:	Project - Implementation Phase
Module Code:	INTR8015
Duration:	1 Semester
Credits:	10
NFQ Level:	Advanced
Field of Study:	Interdisciplinary Engineering
Valid From:	Semester 1 - 2009/10 (September 2009)
Module Delivered in	8 programme(s)
Module Coordinator:	Donagh OMahony
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Module Description:	This module develops within the learner the knowledge, know-how and skills, and competences required to successfully complete a project in accordance with an approved plan. The module requires the learner either individually or as part of a team to develop, implement and critically assess a detailed methodology to address a defined problem within a prescribed time-frame. The learner is expected to be self motivated whilst working under direction of a project supervisor and to communicate the process and outcomes of their work in a style and manner appropriate for professional practitioners in the discipline.
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
LO1	Display initiative, analysis and problem solving skills in developing a detailed, viable methodology for addressing an open-ended problem
LO2	Develop a prototype or conduct a feasibility study of the proposed methodology
LO3	Systematically review and adapt the design during implementation in response to practical, real-world constraints
LO4	Critically assess the outcome against, inter alia, appropriate design, safety, commercial and ethical criteria
LO5	Demonstrate the appropriate written and oral communication skills required of the professional practitioner.
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named CIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
Project - Research Phase	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.</i>	
None	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.</i>	

None



Module Content & Assessment

Indicative Content

General

Supervised self-directed learning that addresses the learning outcomes specified for the module and which draws on the curriculum content as a whole.

Assessment Breakdown

	%
Course Work	100.00%

Course Work

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Presentation	Oral and/or poster presentation on the project	1,2,3,4,5	20.0	Sem End
Written Report	Comprehensive Professional Report reflecting on the outcomes of the project	1,2,3,4,5	30.0	Sem End
Other	Mark associated with initiative, decision making,application and demonstration/performance of project outcomes	1,2,3,4,5	50.0	Sem End

No End of Module Formal Examination

Reassessment Requirement

Coursework Only

This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.

The institute reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time				
<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Independent & Directed Learning (Non-contact)	Independant Work	13.5	Every Week	13.50
Lecturer-Supervised Learning (Contact)	Interaction with project supervisor	0.5	Every Week	0.50
Total Hours				14.00
Total Weekly Learner Workload				14.00
Total Weekly Contact Hours				0.50

This module has no Part Time workload.

Module Resources
<i>This module does not have any book resources</i>
<i>This module does not have any article/paper resources</i>
<i>This module does not have any other resources</i>

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_CSTRU_8	<u>Bachelor of Engineering (Honours) in Structural Engineering</u>	8	Mandatory
CR_KSDEV_8	<u>Bachelor of Science (Honours) in Software Development</u>	8	Mandatory
CR_BAGRI_8	<u>Bachelor of Science (Honours) in Agriculture</u>	2	Mandatory
CR_KDNET_8	<u>Bachelor of Science (Honours) in Computer Systems</u>	8	Mandatory
CR_SHERB_8	<u>Bachelor of Science (Honours) in Herbal Science</u>	8	Mandatory
CR_BHORT_8	<u>Bachelor of Science (Honours) in Horticulture</u>	2	Mandatory
CR_KITMN_8	<u>Bachelor of Science (Honours) in IT Management</u>	8	Mandatory
CR_SNHSC_8	<u>Bachelor of Science (Honours) in Nutrition and Health Science</u>	8	Mandatory