APPROVED

INTR8035: BIM Project - Implementation

Module Details

Module Code:	INTR8035
Title:	BIM Project - Implementation APPROVED
Long Title:	BIM Project - Implementation Phase
NFQ Level:	Advanced
Valid From:	Semester 1 - 2020/21 (September 2020)

Duration:	1 Semester

Credits:	10

Field of Study:	5213 - Interdisciplinary Engineering

Module Delivered in:	**2 programme(s)**

Module Description:	This module develops within the learner the knowledge, know-how and skills, and competences required to successfully complete a BIM 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

On successful completion of this module the learner will be able to:

#	Learning Outcome Description
LO1	Display initiative, analysis and problem solving skills in developing a detailed, viable methodology for addressing an open-ended problem in the field of building information modelling and management.
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.

Dependencies

Module Recommendations
Project - Research Phase
Incompatible Modules
None
Co-requisite Modules
No Co-requisite modules listed
Requirements
None

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.

Module Content & Assessment

Assessment Breakdown	%
Coursework	100.00%

Assessments

Coursework

Assessment Type	Presentation	**% of Total Mark**	20
Timing	Sem End	**Learning Outcomes**	1,2,3,4,5

Assessment Description
Oral and/or poster presentation on the project

Assessment Type	Written Report	**% of Total Mark**	30
Timing	Sem End	**Learning Outcomes**	1,2,3,4,5

Assessment Description
Comprehensive professional report reflecting on the outcomes of the project

Assessment Type	Other	**% of Total Mark**	50
Timing	Sem End	**Learning Outcomes**	1,2,3,4,5

Assessment Description
Mark associated with initiative, decision making,application and demonstration/performance of project outcomes

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.

Module Workload

Workload: Full Time

Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours

Lecturer-Supervised Learning (Contact)	Contact	Research Supervision	Every Week	0.50	0.5
Independent & Directed Learning (Non-contact)	Non Contact	Independent work	Every Week	13.50	13.5
				Total Hours	14.00
				Total Weekly Learner Workload	14.00
				Total Weekly Contact Hours	0.50

Workload: Part Time					
Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Lecturer-Supervised Learning (Contact)	Contact	Research supervision	Every Week	0.50	0.5
Independent & Directed Learning (Non-contact)	Non Contact	Independent work	Every Week	13.50	13.5
				Total Hours	14.00
				Total Weekly Learner Workload	14.00
				Total Weekly Contact Hours	0.50

Module Resources

This module does not have any book resources
This module does not have any article/paper resources
This module does not have any other resources

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_CBIMM_8	**Bachelor of Science (Honours) in Building Information Modelling and Management**	-1	Mandatory
CR_CABIM_8	**Certificate in Applied Building Information Modelling and Management**	-1	Mandatory