H8DKCOMP: Domain Skills for Computing

Module Code:	H8DKCOMP
Long Title	Domain Skills for Computing APPROVED
Title	Domain Skills for Computing
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	CRISTINA HAVA MUNTEAN
Module Author:	FRANCES SHERIDAN
Departments:	School of Computing
Specifications of the qualifications and experience required of staff	Degree in computer science or cognate discipline. Relevant industry experience is a requirement.

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	**Learning Outcome Description**
LO1	Explore problems in a specific subdomain of computing, identify and describe appropriate tools for solving problems in real-world context.
LO2	Apply suitable techniques to solve problems particular to the computing domain.
LO3	Identify, analyse and effectively use domain appropriate tools and applications to a high standard.

Dependencies
Module Recommendations
No recommendations listed
Co-requisite Modules
No Co-requisite modules listed

Entry requirements	

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Module Content & Assessment

Indicative Content

Operational Plan
As this module will utilise content, resources and assessments which are specific to a particular company and/or context, each instance of this module will undergo a desktop evaluation and approval process once suitable company and faculty representatives and candidate students have been identified. The process will be as follows: • A suitable company is identified for the module instance • A faculty representative from NCI and a representative from the designated company are identified to facilitate the module • One or more candidate students are assigned to this specific module instance • The elected faculty and company facilitators outline the final module plan including the curriculum, reading, resources and appropriate ePortfolio content items. This plan should also include a mapping of learning outcomes to each portfolio content item to ensure that the module content and assessment is appropriate. • The module plan is presented to programme committee for approval in advance of the module delivery • Any changes recommended by programme committee should be reviewed and the module should return to programme committee with any relevant changes • Once approved, the module is delivered either on or off campus by the approved facilitators to the student or group of students identified previously

Indicative Curriculum
The curriculum for this module will be defined once a suitable company, company facilitator and faculty member have been identified.

Assessment Breakdown	%
Coursework	100.00%

Assessments

Full Time

Coursework

Assessment Type:	Portfolio	**% of total:**	100
Assessment Date:	n/a	**Outcome addressed:**	1,2,3
Non-Marked:	No		

Assessment Description:
The key assessment component for this module will be an ePortfolio comprising a number of suitable content items such as evidence of industry certification, a reflective, journal, practical team project submission or other suitable assessment as approved by the academic and industry facilitator. Practical team project requires learners to apply problem solving skills to the resolution of a real life problem. The developed solution should be presented in a report.

No End of Module Assessment

No Workplace Assessment

Reassessment Requirement

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

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Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Full Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	No Description	24	Every Week	24.00
Tutorial	No Description	12	Every Week	12.00
Independent Learning Time	No Description	89	Every Week	89.00
			Total Weekly Contact Hours	36.00
Workload: Part Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	No Description	24	Every Week	24.00
Tutorial	No Description	12	Every Week	12.00
Independent Learning	No Description	89	Every Week	89.00
			Total Weekly Contact Hours	36.00

Module Resources
Recommended Book Resources
This module does not have any specific reading resources. The recommended book reading list will be provided by the academic and industry facilitator once the topics are defined.. na.
This module does not have any article/paper resources
This module does not have any other resources
Discussion Note: