

H8DSDA: Domain Skills for Data Analytics

Module Code:	H8DSDA
Long Title	Domain Skills for Data Analytics APPROVED
Title	Domain Skills for Data Analytics
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	FRANCES SHERIDAN
Module Author:	Sinead O'Sullivan
Departments:	
Specifications of the qualifications and experience required of staff	
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
#	Learning Outcome Description
LO1	Explore problems in a specific subdomain of data analytics and identify appropriate tools for solving the problem
LO2	Apply suitable techniques to solve problems particular to the data analytics domain
LO3	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:	80
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 project submission or other suitable assessment as approved by the academic and industry facilitator.			
Assessment Type:	Work Based Facilitator Review	% of total:	20
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	No		
Assessment Description: combined review of student participation by all involved facilitators.			
No End of Module Assessment			
No Workplace Assessment			
Reassessment Requirement			
Coursework Only <i>This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.</i>			

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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	101	Every Week	101.00
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	
<i>Recommended Book Resources</i>	
The reading resources for this module will be defined once a suitable company, company facilitator and faculty member have been identified. na.	
<i>This module does not have any article/paper resources</i>	
<i>This module does not have any other resources</i>	
Discussion Note:	