H8DPR: Project

Module Code:	H8DPR
Long Title	Project APPROVED
Title	Project
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	10
Module Coordinator:	EUGENE O'LOUGHLIN
Module Author:	EUGENE O'LOUGHLIN
Departments:	School of Computing
Specifications of the qualifications and experience required of staff	

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	**Learning Outcome Description**
LO1	Specify, design, implement, test, communicate and document a small to medium scale analysis of a large data set
LO2	Explain and justify the use and application of state of the art analytics tools in a data analysis scenario
LO3	Employ appropriate research methods to guide the analysis of data from the web
LO4	Assess the ethical and social impact of information systems
LO5	Carry out project planning, scheduling and risk management activities in order to meet strict project deadlines and perform time management activities to a high project management standard

Dependencies		
Module Recommendations		
19341	H8IDA	Introduction to Data Analytics
19342	H8BAPST	Business Analysis and Problem-Solving Techniques
19343	H8BDA1	Business Data Analysis
Co-requisite Modules		
No Co-requisite modules listed		
Entry requirements		

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Module Content & Assessment

Indicative Content

Project
A practical data analysis project is undertaken. The project must use state-of-the-art data analytics technologies, and learners will be expected to develop specialist skills for this project beyond those covered in the core modules. The project specification is decided by the learner. The main project phases which are assessed separately include: • project proposal • requirements specification • preliminary report • dissertation • final presentation In the beginning of the Semester learners attend classes, consultations and seminars on issues including requirements elicitation using use cases, research methods, and problem-solving techniques. In the mid of the Semester, learners submit a preliminary report outlining their progress to date and demonstrating that the main technical difficulties have been solved. At the end of the Semester, learners will present their findings in both a written dissertation and formal presentation to a panel of data analysts

Assessment Breakdown	%
Coursework	100.00%

Assessments

Full Time

Coursework

Assessment Type:	Project	**% of total:**	100
Assessment Date:	n/a	**Outcome addressed:**	1,2,3,4,5
Non-Marked:	No		

Assessment Description:
Project Proposal 10% Requirement Specification 10% Management Progress Reports 10% Preliminary Presentation 20% Dissertation and presentation 70% Project showcase 5% Assessment Total 100%

No End of Module Assessment

No Workplace Assessment

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Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Part Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	No Description	3	Every Week	3.00
Tutorial	No Description	1	Every Week	1.00
			Total Weekly Contact Hours	4.00

Module Resources

Recommended Book Resources
Derek Swetnam. Writing Your Dissertation: How to Plan, Prepare and Present Successful Work, How to Books, [ISBN: 185703662X].
This module does not have any article/paper resources
This module does not have any other resources

Discussion Note:	