

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