

H8WPRO: Project

Module Code:	H8WPRO
Long Title	Project APPROVED
Title	Project
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	10
Module Coordinator:	Frank McArdle
Module Author:	Arghir Moldovan
Departments:	School of Computing
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	LO 1. Specify, analyse, design, implement, test and document a medium to large scale project in the chosen area of specialisation under the supervision of a project co-ordinator
LO2	Explain and justify the use and application of technology for a project or of state of the art analytics tool in a data analysis scenario
LO3	Develop and enhance communication and presentation skills
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	
Background • Introduction to Project • Coding guidelines • Supervision requirements • Overview of examinations (timelines dates etc.)	
Online Seminars • Project specialisations • Development • Testing • Presentation skills • Technical writing	
Project Specialisations • Overview of projects and new technologies	
Development • Unified Process • Source code control and versioning • IDE	
Testing • Test Strategies • Blackbox/Whitebox testing • Testing tools • Test generators • Evaluation	
Presentation Skills • Quality of the presentation • Communication skills • Ability to retort to questions and critique	
Technical Writing • Writing skills • Writing project reports	
Project Report • Executive Summary • Introduction • Background • Technologies • Structure • System • Conclusions • Further development or research • Bibliography • Appendix	
Final Presentation • Introduction • Goal • Central Theories • System • Design • Implementation • Discussions • Demonstrations	
Assessment Breakdown	%
Coursework	100.00%

Assessments

Full Time			
Coursework			
Assessment Type:	Project	% of total:	100
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	No		
Assessment Description: Continuous Assessment			
No End of Module Assessment			
No Workplace Assessment			

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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
Lecturer-Supervised Learning (Contact)	No Description	24	Every Week	24.00
Lab	No Description	24	Every Week	24.00
Independent Learning	No Description	214	Once per semester	17.83
Total Weekly Contact Hours				48.00
Workload: Part Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecturer-Supervised Learning (Contact)	No Description	24	Every Week	24.00
Lab	No Description	24	Every Week	24.00
Independent Learning	No Description	214	Once per semester	17.83
Total Weekly Contact Hours				48.00

Module Resources	
<i>Recommended Book Resources</i>	
<p>Zobel, J. (2004), Writing for computer science, Springer, Berlin.</p> <p>Berndtsson, M. (2008), Thesis projects: a guide for students in computer science and information systems., Springer, London.</p> <p>Derek Swetnam. Writing Your Dissertation: How to Plan, Prepare and Present Successful Work,, How to Books.</p>	
<i>This module does not have any article/paper resources</i>	
<i>This module does not have any other resources</i>	
Discussion Note:	