

H6ITPM: IT Project Management

Module Code:	H6ITPM
Long Title	IT Project Management APPROVED
Title	IT Project Management
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	Eugene McLaughlin
Module Author:	Eugene McLaughlin
Departments:	School of Computing
Specifications of the qualifications and experience required of staff	Masters' Degree or PHD in a computing or cognate discipline lecturing in the field. May have industry experience also.
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
#	Learning Outcome Description
LO1	Select projects using techniques from Project Integration Management
LO2	Effectively manage time, scope, cost and quality in an IT project
LO3	Identify and explain key facilitating functions to support IT project management
Dependencies	
Module Recommendations	
No recommendations listed	
Co-requisite Modules	
No Co-requisite modules listed	
Entry requirements	Learners should have attained the knowledge, skills and competence gained from stage 1 of the BSc (Hons) in Data Science

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Module Content & Assessment			
Indicative Content			
Introduction to Project Management Definition of a project and the role of the project manager. Describe the keys elements of the project management framework.			
Project Integration Management Identifying potential projects. Methods for selecting projects Plan			
Project Scope Management Defining scope. Creating the Work Breakdown Structure (WBS). Validating and controlling scope			
Project Time Management Sequencing activities. Estimating activity duration. Developing the schedule. Critical Path Method. Programme Evaluation and Review Technique (PERT). Controlling the schedule.			
Project Cost Management Basic principles of cost management. Estimating costs. Determining the budget. Controlling costs.			
Project Quality Management Planning quality management. Tools and techniques for quality control. Modern quality management. Improving IT project quality.			
Project Management Facilitating Functions Project Management Facilitating Functions Planning quality management. Project Process Groups. Developing IT Project methodology. Case Study Project Phases			
Human resources management Motivation. Team Formation. Acquiring a team. Developing the Project team			
Risk management Planning risk management. Identifying risks. Qualitative and quantitative risk analysis. Security, governance and ethical risks			
Communications management Keys to good communications. Planning communications management. Controlling communications			
Procurement management Planning procurement . Conducting and controlling procurement. Statement of work contracts			
Stakeholder management Stakeholder management. Stakeholder managing and controlling stakeholder engagement			
Assessment Breakdown			%
Coursework			40.00%
End of Module Assessment			60.00%
Assessments			
Full Time			
Coursework			
Assessment Type:	Continuous Assessment	% of total:	Non-Marked
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	Yes		
Assessment Description: Ongoing independent and group class activities and feedback.			
Assessment Type:	Continuous Assessment	% of total:	40
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	No		
Assessment Description: A series of marked tutorials covering all aspects of the various stages of Project Management			
Assessment Type:	Easter Examination	% of total:	60
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	No		
Assessment Description: Written examination with questions from all module topic areas			
No End of Module Assessment			
No Workplace Assessment			
Reassessment Requirement			
Repeat examination <i>Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.</i>			
Reassessment Description The repeat strategy for this module is an examination. All learning outcomes will be assessed in the repeat exam.			

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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	Classroom & Demonstrations (hours)	24	Per Semester	2.00
Tutorial	Other hours (Practical/Tutorial)	12	Per Semester	1.00
Independent Learning	Independent learning (hours)	89	Per Semester	7.42
Total Weekly Contact Hours				3.00

Module Resources	
<i>Recommended Book Resources</i>	
Schwalbe, K.. (2016), Information Technology Project Management (8th ed), Cengage Learning.	
<i>This module does not have any article/paper resources</i>	
<i>This module does not have any other resources</i>	
Discussion Note:	