H06ITPM: Information Technology Project Management

Module Code:	H06ITPM
Long Title	Information Technology Project Management APPROVED
Title	Information Technology Project Management
Module Level:	LEVEL 6
EQF Level:	5
EHEA Level:	Short Cycle
Credits:	5
Module Coordinator:	EUGENE O'LOUGHLIN
Module Author:	EUGENE O'LOUGHLIN
Departments:	
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	Describe an overall framework for project integration management as it relates to the other project management knowledge areas and the project life cycle.
LO2	Demonstrate the importance of a good project scope management by collecting, documenting, verifying and controlling scope.
LO3	Describe the process of project time management using activity sequencing, project schedules and resource estimates.
LO4	Prepare budget estimates for project cost management.
LO5	Understand the importance of project quality management for IT products and services.
LO6	Explain the importance of good human resource management on projects, including the current state and future implications of the global IT workforce.
LO7	Understand the importance of good communications management with stakeholders and team members on projects.
LO8	Discuss the elements invovled in risk management and identify common sources of risk on IT projects.
LO9	Describe the work invovled in planning procurements for projects, including preparing for outsourcing, contracts, and statement-of-work documents.
LO10	Identify all the people or organizations affected by a project, to analyses stakeholder expectations, and to effectively engagestakeholders in project decisions.

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

1. Introduction to Project Management (5%)
• What is a Project • What is Project Management • The Role of the Project Manager • The Project Management Profession

2. Project Management and Information Technology Context (10%)
• A systems view of Project Management • Understanding organizations • Stakeholder management • Project Phases and the Project Life Cycle • The context of Information Technology Projects

3. Project Integration Management (5%)
• Strategic planning and project selection • Project management plans • Project execution • Monitoring and Controlling Projects • Integrated Change Control • Closing projects

4. Project Scope Management (10%)
• Project scope statement • Work Breakdown Structures • Scope verification • Scope control

5. Project Time Management (10%)
• Activity sequencing • Activity resource estimating • Activity duration estimating • Schedule development • Schedule control

6. Project Cost Management (10%)
• Basic principles of cost management • Cost estimating • Cost budgeting • Cost control

7. Project Quality Management (10%)
• Quality planning • Quality assurance • Quality control • Tools and techniques for quality control • Modern quality management • Improving Information Technology project quality

8. Project Human Resource Management (10%)
• Keys to managing people • Human resource planning • Acquiring the project team • Developing the project team • Managing the project team

9. Project Communications Management (10%)
• Information Distribution • Performance reporting • Managing stakeholders • Improving project communications

10. Project Risk Management (10%)
• Common sources of risk • Risk identification • Qualitative risk analysis • Quantitative risk analysis • Risk response planning • Risk monitoring and control

11. Project Procurement Management (10%)
• Planning purchases and acquisitions • Planning contracting • Requesting seller responses • Selecting sellers • Administering the contract • Closing the contract

Assessment Breakdown	%
Coursework	40.00%
End of Module Assessment	60.00%

Assessments

Full Time

No Coursework

End of Module Assessment

Assessment Type:	Terminal Exam	**% of total:**	60
Assessment Date:	End-of-Semester	**Outcome addressed:**	2,3,4,5,6,7,8,9,10
Non-Marked:	No		

Assessment Description:
End-of-Semester Final Examination

No Workplace Assessment

Reassessment Requirement

Repeat examination
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.

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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	2	Every Week	2.00
Tutorial	No Description	1	Every Week	1.00
			Total Weekly Contact Hours	3.00

Workload: Part Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	No Description	2	Every Week	2.00
			Total Weekly Contact Hours	2.00

Module Resources

Recommended Book Resources

Kathy Schwalbe,. (2014), Information Technology Project Management, Revised, 7th (International Edition). Course Technology - Cengage Learning, [ISBN: 133627226].

Project Management Institute (Corporate Author). (2013), A Guide to the Project Management Body of Knowledge: PMBOK Guide, 5th edition. Project Management Institute, Pennsylvania, [ISBN: 978-1-935589-67-9].

Supplementary Book Resources

O'Loughlin, E.F.M.. (2010), An Introduction to Business Systems Analysis, Liffey Press.

Pressman, R.. (2009), Software Engineering: A Practioner's Approach., 7th. McGraw Hill.

Schwalbe, K.,. (2008), An Introduction Project Management, 2nd. Course Technology.

Hughes, B. & Cottereall, M.. (2002), Software Project Management, 3rd. McGraw-Hill Education.

Godbole, N.S,.. (2004), Software Quality Assurance: Principles and Practice., Alpha Science International Ltd..

This module does not have any article/paper resources

This module does not have any other resources

Discussion Note: