

## PROJ E8007X: Project Management

Module Details	
Module Code:	PROJ E8007X
Full Title:	Project Management <span>APPROVED</span>
Valid From::	Semester 1 - 2014/15 ( September 2014 )
Language of Instruction:	English
Duration:	1 Semester
Credits::	5
Module Owner::	Barry Evans
Departments:	Unknown
Module Description:	The purpose of the module is to provide the student with a knowledge of techniques used in the procurement and management of projects.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Explain the role of project management and the duties of a project manager in a typical construction project.
MLO2	Illustrate the life cycle of a construction project and what the key factors are for consideration by the client and project manager at each stage including technical, functional, legal, financial and programmatic.
MLO3	Appraise the importance of developing appropriate project strategies and what the key issues are for consideration in developing such strategies.
MLO4	Discuss the relevance of quality in the delivery of projects and contrast between the various techniques available in the management of quality.
Pre-requisite learning	
<b>Module Recommendations</b> <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

<b>Module Indicative Content</b>
<b>Principles of Project Management</b> Importance of project management, objectives of PM, project stages, qualities of a PM, main processes of project management.
<b>Project Procurement &amp; Contracts</b> Project procurement strategy, different procurement structures, Traditional form of procurement, design and build, construction management, management contracting. Choosing the correct strategy.
<b>Project Planning techniques and reviewing</b> Requirement of project plans. Gantt charts, linked gantt charts, network analysis - activity on the arrow, precedence diagrams. Critical path analysis, float calculation. Planning reviews, resource levelling and resource smoothing techniques. MS project.
<b>Cost Control</b> Purpose of cost control, monitoring, cost control techniques, PERT, variances.
<b>Quality Management</b> Quality management and quality control systems, inspection, quality control, quality assurance, total quality management (TQM).

Module Assessment	
<b>Assessment Breakdown</b>	<b>%</b>
Course Work	20.00%
Final Examination	80.00%
<b>Module Special Regulation</b>	

## Assessments

Full Time On Campus			
<b>Course Work</b>			
<b>Assessment Type</b>	Continuous Assessment	<b>% of Total Mark</b>	5
<b>Marks Out Of</b>	0	<b>Pass Mark</b>	0
<b>Timing</b>	n/a	<b>Learning Outcome</b>	2,3
<b>Duration in minutes</b>	0		
<b>Assessment Description</b> Short tutorial exercises complementing the class delivery.			
<b>Assessment Type</b>	Project	<b>% of Total Mark</b>	15
<b>Marks Out Of</b>	0	<b>Pass Mark</b>	0
<b>Timing</b>	n/a	<b>Learning Outcome</b>	2
<b>Duration in minutes</b>	0		
<b>Assessment Description</b> Project planning project			
No Project			
No Practical			
<b>Final Examination</b>			
<b>Assessment Type</b>	Formal Exam	<b>% of Total Mark</b>	15
<b>Marks Out Of</b>	0	<b>Pass Mark</b>	0
<b>Timing</b>	End-of-Semester	<b>Learning Outcome</b>	1,2,3,4
<b>Duration in minutes</b>	0		
<b>Assessment Description</b> Formal end of semester examination.			
<b>Reassessment Requirement</b>			
<b>A repeat examination</b> <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>			

## Module Workload

### Workload: Full Time On Campus

<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Lecture	Contact	No Description	Every Week	3.00	3
Directed Reading	Non Contact	Assimilation of presented course materials	Every Week	3.00	3
Independent Study	Non Contact	No Description	Every Week	2.00	2
				Total Weekly Learner Workload	8.00
				Total Weekly Contact Hours	3.00

This module has no Part Time On Campus workload.

## Module Resources

### *Recommended Book Resources*

CIOB. (2002), CIOB Code of Practice for Construction Management, 3rd Edition. Blackwell Publishing, [ISBN: 1-4051-0309-4].  
Walker Anthony. (2007), Project Management in Construction, 5th Edition. Blackwell Science, [ISBN: 9781405158244].  
Lock Dennis. (2004), Project Management in Construction, Ashgate Pub. Co., [ISBN: 0-566-08612-3].  
Kelly J., Morledge R., & Wilkinson S.. (2002), Best Value in Construction, Blackwell Science, [ISBN: 0632056118].  
Harris F. & McCaffer R. (2001), Modern Construction Management, 5th Edition. Blackwell Publishing, [ISBN: 0-632-05513-8].  
Baker, Sunny & Kim. (2000), The Complete Idiots Guide to Project Management, Alpha Books, [ISBN: 0-02-863920-0].

*This module does not have any article/paper resources*

### *Other Resources*

website, [www.rics.org.uk](http://www.rics.org.uk).  
website, [www.ciob.org.uk](http://www.ciob.org.uk).  
website, [http://www.opw.ie/services/gov\\_sup/fr\\_go v.htm](http://www.opw.ie/services/gov_sup/fr_go v.htm).  
website, [www.hsa.ie](http://www.hsa.ie).  
website, [www.hse.gov.uk](http://www.hse.gov.uk).  
Library Catalogue and Resources, Electronic databases including IHS..