

Full Title:	Project Management
Language of Instruction:	English
Module Code:	PROJ E8003
Credits:	5
Valid From:	Semester 1 - 2015/16 (September 2015)
Module Delivered in	2 programme(s)
Module Description:	This module aims to provide students with a knowledge of both general project management theory and project management theory as applied to the property and construction industry, including the processes and techniques used in the procurement of new buildings and refurbishment works.
Learning Outcomes:	
<i>On successful completion of this module the learner should be able to</i>	
<ol style="list-style-type: none"> 1. Explain the theories, principles and functions of project management. 2. Discuss the roles, responsibilities and necessary qualities of a project manager. 3. Evaluate the success criteria of a project. 4. Evaluate the key factors for consideration by a project manager at each phase in a construction project. 5. Prepare a pre-tender safety and health plan for a building refurbishment project. 6. Create a programme resource schedule using project management software for a construction project. 	

Module Content & Assessment

Indicative Content

Traditional Project Management Theory

Function of project management and management generally, including the planning and control cycle; benefits of project management; processes of project management; life cycle of projects; characteristics and qualities of a good project manager.

Success Criteria

Time, cost, quality, function etc.

Project Management in Construction Projects

Role and responsibilities of a project manager at each stage of a construction project; stages to include: inception, feasibility, strategy, outline design, detailed design, tendering, construction, commissioning, handover, review and assessment. Factors for consideration at each stage include, where appropriate: client's brief/requirements including success criteria (programme, cost, quality), business case, strategy including tendering and contract, project team, design and technical requirements, environmental, legal, health & safety, risk management, value management, negotiation and dispute resolution.

Project Management Software

Types of Project Management software available in industry; application of MS Project including: identifying and linking tasks, critical path, Gantt charts, resources, reporting etc.

Assessment Breakdown

Assessment Breakdown	%
Course Work	40.00%
End of Module Formal Examination	60.00%

Full Time

Course Work

Assessment Type	Assessment Description	Outcome addressed	% of total	Marks Out Of	Pass Marks	Assessment Date	Duration
Continuous Assessment	A pre-tender safety and health plan for a hypothetical building refurbishment project.	4,5	25.00	100	40	n/a	0
Continuous Assessment	A programme/resource schedule for a hypothetical building refurbishment project.	4,6	15.00	100	40	n/a	0

No Project

No Practical

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Marks Out Of	Pass Marks	Assessment Date	Duration
Formal Exam	Final Examination	1,2,3,4	60.00	100	40	End-of-Semester	0

Reassessment Requirement

A 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.

Reassessment Description

Students will be given the opportunity to remediate part or all of their CA performance by the autumn/repeat examinations board by repeating part or all of the same or similar CA.

DKIT reserves the right to alter the nature and timings of assessment

Module Workload & Resources

Workload: Full Time

Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	Theory based class.	3.00	Every Week	3.00
Practical	Project management software application.	1.00	Every Week	1.00
Directed Reading	Preparation for CA.	1.00	Every Week	1.00
Independent Study	Preparation for final examination.	2.00	Every Week	2.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				4.00

This course has no Part Time workload.

Resources

Recommended Book Resources

- CIOB 2011, *Code of Practice for Construction Management*, 4th Ed., John Wiley & Sons [ISBN: 1118312295]
- Meredith J.R., Mantel Jr. S.J., Shafer S.M. & Sutton M. 2011, *Project Management in Practice*, Wiley [ISBN: 9780470646205]
- Walker A. 2007, *Project Management in Construction*, 5th Ed., Blackwell Science [ISBN: 9781405158244]
- Kelly J., Morledge R. & Wilkinson S. 2009, *Best Value in Construction*, John Wiley & Sons [ISBN: 1405151846]
- Chatfield C. & Johnson T. 2010, *Step by Step (Microsoft Project 2010)*, Pap/Psc Ed., Microsoft Press [ISBN: 0735626952]
- Government Publication 2013, *Safety Health & Welfare at Work (Construction) Regulations 2013*, Stationery Office, Government Publication [ISBN: 9781446813867]

Supplementary Book Resources

- Lock D. 2013, *Project Management*, 10th Ed., Gower [ISBN: 978140945269]

This module does not have any article/paper resources

Other Resources

- Websites:** www.isurv.com, www.rics.org.uk, www.ciob.org.uk, www.hsa.ie, www.hse.gov.uk
- Database:** *DkIT library electronic databases*
- DVD:** NBS TV *The Surveyor's Channel – Brief Encounter, Failing Projects, Risk Control, Managing Risk in Construction Projects.*
- DVD:** *CirciaNot just an accident: A DVD on Site Safety.*

Module Delivered in

Programme Code	Programme	Semester	Delivery
DK_EARCT_8	Bachelor of Science (Honours) in Architectural Technology	7	Mandatory
DK_EBSUR_8	Bachelor of Science (Honours) in Building Surveying	7	Mandatory