

Table of Contents

QUSU08010 2019 Project Management and Control	2
Coursework / Continuous Assessment Breakdown	3
Full Time Mode Workload	3
Part Time Mode Workload	3
Online Learning Mode Workload	3
Module Resources	3
Required Book List	4

QUSU08010 2019

Project Management and Control

Full Title	Project Management and Control		
Transcript Title	Project Management and Control		
Status	IB - Uploaded to Banner	Module Code	QUSU08010
NFQ Level	08	ECTS Credits	05
Subject Area	QUSU - Quantity Surveying	Attendance	N/A %
Grading Mode	Numeric/Percentage	Module Duration	Semester - (15 Weeks)
Start Term	2019 - Full Academic Year 2019-20	End Term	9999 - The End of Time
Module Leader	Gary McGinty	Department	CENG - Civil Eng. and Construction

Module Description

The module introduces the learner to the important role of project management in the successful delivery of construction projects. Key concepts and control measures which impact on the day to day management of construction will be considered and critically analysed such as risk management, value management, quality control, cost control. Emphasis is also given to the important role the management of health and safety plays in managing construction projects. The module will use a mix of theory and case studies to illustrate the application of key principles.

Indicative Syllabus

1. Project Management functions and methodologies
2. Defining Scope and Client Requirements/objectives
3. Identify and understanding the needs of Stakeholders
4. Safety Management
6. Communication and information Management
7. Environmental Management Systems
9. Construction Logistics
10. Risk Management
11. Value Management
12. Benchmarking In Construction
13. Key Performance Indicators
14. Project Control Procedures including Earned Value Analysis
15. BCAR

Learning Outcomes *On completion of this module the learner will/should be able to;*

1. Evaluate the role of project management and the project manager in the successful delivery of construction projects
2. Evaluate and analyse key safety, quality and environmental management issues that underpin both decision making and executive responsibilities relating to construction projects.
3. Demonstrate an in-depth understanding of importance of project controls in the successful delivery of projects in particular cost control, change management and earned value management.
4. Critically assess the role both risk and value management plays in improving both the delivery of construction projects and in production process improvement from the perspective of the contractor. Demonstrate competence in the identification and appraisal of construction risks
5. Critically analyse the role and the needs of the client and other key stakeholder and understand demonstrating the importance of project communication

Teaching and Learning Strategies

This module will be delivered using blended learning techniques.

This will include lectures (via adobe connect or classroom) and work based learning where relevant along with guest lectures and augmented by independent learning and directed learning.

This approach is expected to address student learning needs.

Moodle will be used to upload educational material (i.e. presentations and recordings of online lectures plus supplementary reading material and additional resources).

Moodle will also be further used as a means of assessment, utilising online quizzes, for the uploading of assignments and reports.

This multi-faceted, blended approach of; lectures, workshops and online resources fosters collaborative student learning.

Module Assessment Strategies

Module will be assessed using a combination of end of semester final exam (70%), continuous assessment and course work (30%).

Repeat Assessment Strategies

Repeat Continuous Assessment and/or Final Exam.

Programme Membership

SG_CCONS_K08 201900 Level 8 Honours Degree Add-on in Construction Project Management
SG_SCONS_H08 201900 Bachelor of Science (Honours) in Construction Project Management and Applied Technology

Coursework / Continuous Assessment Breakdown

Coursework & Continuous Assessment	30 %	End of Semester / Year Formal Exam	70 %
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Coursework Assessment

Title	Type	Form	Failed Element	Percent	Week	Outcomes Assessed
Continuous Assessment Project, Case Study, Essay, Quiz, Presentation	Continuous Assessment	UNKNOWN	No	30 %	OnGoing	1,2,3,4,5

End of Semester / Year Assessment

Title	Type	Form	Failed Element	Percent	Week	Outcomes Assessed
Final Exam Final Exam	Final Exam	UNKNOWN	No	70 %	End of Year	1,2,3,4,5

Full Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Workload
Lecture	Tiered Classroom	Lectures 3x1 hour	3	Weekly	3.00
Independent Learning	UNKNOWN	Self Directed Learning	4	Weekly	4.00

Total Full Time Average Weekly Learner Contact Time 3.00 Hours

Part Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Workload
Online Lecture	Distance Learning Suite	Online Lecture	1	Weekly	1.00
Tutorial	Not Specified	Tutorial	1	Weekly	1.00
Independent Learning	Not Specified	Self Directed Learning	5	Weekly	5.00

Total Part Time Average Weekly Learner Contact Time 2.00 Hours

Online Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Workload
Online Lecture	Distance Learning Suite	Online Lecture	1	Weekly	1.00
Tutorial	Online	Online Tutorial	1	Weekly	1.00
Independent Learning	Not Specified	Self Directed Learning	5	Weekly	5.00

Total Online Learning Average Weekly Learner Contact Time 2.00 Hours

Module Resources**Non ISBN Literary Resources**

See Booklist

Journal Resources

International Journal of Project Management

URL Resources

Lean Construction Institute
Constructing Excellence
Institute of Value Management

Other Resources

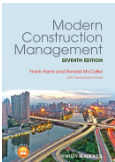
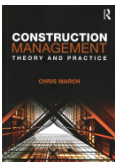

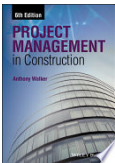


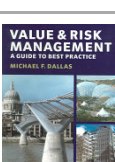

Articles and Case Studies included on Subject Moodle Page

Journals

Additional Information

None

Required Book List

Cover	Book Details
	Frank, R., (2013). <i>Modern Construction Management</i> . . Wiley-Blackwell. ISBN 047067217X ISBN-13 9780470672174
	March, C., (2017). <i>Construction Management</i> . . ISBN 1138694479 ISBN-13 9781138694477
	Of, C., (2014). <i>Code of Practice for Project Management for Construction and Development</i> . John Wiley & Sons. ISBN 9781118378083 ISBN-13 1118378083
	Walker, A., (2015). <i>Project Management in Construction</i> . . John Wiley & Sons. ISBN 9781118500408 ISBN-13 1118500407
	Fewings, P., (2012). <i>Construction Project Management</i> . . ISBN 0415613450 ISBN-13 9780415613453
	Peter, C., (2019). <i>Construction Project Management</i> . . Routledge is. ISBN 0815358652 ISBN-13 9780815358657
	Dallas, F., (2006). <i>Value and Risk Management</i> . . Wiley-Blackwell. ISBN 140512069X ISBN-13 9781405120692
	Ferrett, ED., (2015). <i>Introduction to Health and Safety in Construction</i> . . ISBN 0415824362 ISBN-13 9780415824361

Administrative Information	
Date Created	30-03-2019
Module Owner	Gary McGinty
Date School Approved	21-06-2019
Module Approver	Trevor McSharry
Date Academic Council Approved	12-07-2019