

## MODULE SPECIFICATION FORM

Module Title: Project Planning and Control	Level: 7	Credit Value: 20
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Module code: BUS776	Cost Centre: GAMP	JACS2 code: N213
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Trimester(s) in which to be offered: 1	With effect from: Sept 2013
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<b>Office use only:</b> To be completed by AQSU:	Date approved: August 2013 Date revised: - Version no: 1
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Existing/New: New	Title of module being replaced (if any): N/A
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Originating Academic Department: Business and Management	Module Leader: Prof Chris Fortune
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Module duration (total hours):200 Scheduled learning & teaching hours: 39 Independent study hours 161 Placement hours N/A	Status: core/option/elective (identify programme where appropriate):  Core: MSc Project Management
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Programme(s) in which to be offered: MSc Project Management	Pre-requisites per programme (between levels):
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<p><b>Module Aims:</b></p> <p>To provide an understanding of the concepts and practices of project management that are used to add value to organisations within the project constraints of time, cost, performance, sustainability and health and safety management.</p> <p>To provide a critical evaluation of the project planning processes, inputs, tools, techniques and outputs used to plan and control projects</p>
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To facilitate practical and participative student learning to analyse problems and develop creative solutions

### **Expected Learning Outcomes:**

At the end of this module, students will be able to:

Knowledge and Understanding:

1. Evaluate the principles of project planning and control and the project constraints of time, cost, performance sustainability and health and safety
2. Critically appraise standard project management standards, tools and techniques and their implementation
3. Critically examine the techniques available to determine appropriate resourcing levels and variation control for project delivery
4. Evaluate the principles of quality management and appraise Total Quality Management (TQM) and lean approaches to project delivery

Transferable/Key Skills and other attributes:

Analyse and solve problems in project related business contexts  
Appraise information from a range of knowledge sources  
Preparing complex plans within pre-determined constraints  
Effective dissemination of project control information at differing levels of detail  
Evaluate and integrate theory and practice  
Team working and leadership skills  
Written and oral communication and presentation skills

**Assessment:** please indicate the type(s) of assessment (e.g. examination, oral, coursework, project) and the weighting of each (%). ***Details of indicative assessment tasks must be included.***

The module will be assessed through coursework using case studies, with group presentations and student-led seminars

Indicative assessment: students will be given a case study that simulates a real world problem situation that requires them to (i) role play within a project team setting so as to identify problems, evaluate potential solutions to a simulated project scenario and scope, and justify recommended solutions and (ii) provide an individual written report that reflects a professional approach and demonstrate project planning and control skills and knowledge in relation to schedule, quality and resources.

Assessment number	Learning Outcomes to be met	Type of assessment***	Weighting	Duration (if exam)	Word count (or equivalent if appropriate)
1	1,2	Group Project	30%		2000
2	3,4	Coursework	70%		4000

### **Learning and Teaching Strategies:**

The module is delivered by lectures, case study tutorials interactive group work and directed self-study. The module will be structured in an interactive manner and utilise technology to illustrate theory and practice and provide opportunities for learning through peer interaction. Students will be engaged in the practical application of project planning and control techniques and theory. The use of case studies and contemporary business projects drawn from a national and international perspective will provide situations to demonstrate the acquisition of relevant knowledge, functions and processes supported by critical analysis and evaluation in a tutorial setting.

Students will participate as a member of a small group in the design of a project management plan that clearly identifies a strategy for the resolution of a project related problem and contribute to its written and oral communication. Individual written reports will demonstrate understanding and application of appropriate project management tools and techniques to control project resources to deliver success within established project related constraints. Skill development will occur through the creative selection and prioritisation of project related data to determine appropriate control and measurement criteria.

### **Syllabus outline:**

Project management processes and organisation structures, project initiation and scope management  
Management strategies for clients and stakeholder briefings  
Project teams, tools and techniques, project management plan (PMP), statement of work (SOW), work breakdown structure (WBS), organisational breakdown structure (OBS), coding systems & schedules  
Resource management, cost control, earned value analysis (EVA), activity based networks, critical path analysis,  
Change management and status reporting  
Quality management systems, total quality management (TQM), lean approaches, health and safety  
Project close out, post project evaluation and review  
Team building and leadership

## **Bibliography**

### **Essential reading:**

Burke, R. (2009), *Introduction to Project Management: Planning and Control Techniques*. 4<sup>th</sup> ed.

London: Burke Publishing

Morris, P.W.G.and Pinto, J.K. (2011), *The Wiley Guide to Project Control*. London: Wiley

**Other indicative reading:**

Association of Project Management (2011) , *Body of Knowledge*. 6<sup>th</sup> ed. London: APM

British Standards Institution (2009), BS 6079 / ISO 140001 *Project Management Principles and Practices*. Milton Keynes: BSI

Project Management Institute (2013) *A Guide to the Project Management Body of Knowledge*,(PMBOK Guide) 5<sup>th</sup> ed. PMI

Kerzner, H. (2013), *Project Management: A Systems Approach to Planning, Scheduling, and Controlling*. 11<sup>th</sup> ed. London: Wiley

Kerzner, H. (2013), *Project Management Case Studies*. 4<sup>th</sup> ed. London: Wiley

Lock, D. (2012), *The Essentials of Project Management*. 9<sup>th</sup> ed. London: Gower

Young, T.L. (2010), *Successful Project Management*. 3<sup>rd</sup> ed. London: Kogan Page

**Journals:**

Facilities

International Journal of Project Management

International Journal of Managing Projects in Business

**Websites:**

[www.apm.org.uk](http://www.apm.org.uk)

[www.pmi.org.uk](http://www.pmi.org.uk)

[www.projectmanagementacademy.com](http://www.projectmanagementacademy.com)