

## MODULE SPECIFICATION FORM

Module Title: Project Procurement and Supply Chain Management	Level: 7	Credit Value: 20
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Module code: BUS777	Cost Centre: GAMP	JACS code: N213
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Trimester(s) in which to be offered: 2	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):
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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): None
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<p><b>Module Aims:</b></p> <p>To develop knowledge and understanding of the principles, practices, and techniques of project procurement and supply chain management</p> <p>To provide a critical evaluation of alternative project procurement, contractual arrangements and supply chain processes in terms of inputs, tools, techniques and outputs used to design</p>
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and deliver projects

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. Critically discuss the contribution that procurement practices and supply chain management can make to project success
2. Demonstrate a critical awareness of the principles of procurement and supply chain management
3. Develop a knowledge of practical tools and techniques for procurement route selection and supply chain performance evaluation
4. Critically analyse innovations in procurement and supply chain management practices

Transferable/Key Skills and other attributes:

Analyse and solve problems in project related business contexts  
Appraise information from a range of knowledge sources  
Effective dissemination of 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 (eg 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 and justify recommended solutions to project requirements and stakeholders concerns and (ii) provide an individual written report that reflects a professional approach and demonstrate project procurement route selection and associated risk appraisal.

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 success criteria, client and stakeholder briefing and scope management strategies  
 Procurement strategies, procurement route selection, impact of culture on procurement of projects and services  
 Specifications, documentation and contractual arrangements for the procurement of projects and services. Building Information Modelling.  
 Outsourcing, inventory management, supplier relationship management and service level agreements  
 Procurement pre-order, order and post contract cycle, Procurement performance measures, Supply chain operations, planning and sourcing  
 Matrices for measuring supply chain performance

### **Bibliography:**

#### **Essential reading:**

Chopra, S. and Meindl, P. (2004), *Supply Chain Management: Strategy Planning and Operation*. London: Wiley

Emmett, S. and Crocker, B. (2008), *Excellence in Procurement: How to Optimise Costs and Add Value*. Cambridge Academic Press  
Morris, P.W.G and Pinto, J.K. (2010), *The Wiley Guide to Project Technology, Supply Chain and Procurement Management*. London: Wiley

### **Other indicative reading**

Ayers, J.B. (2006), *Handbook of Supply Chain Management*. Oxford: Taylor Francis  
Crocker, B. Moore, D. Emmett, S. (2010), *Excellence in Services Procurement: How to Optimise Costs and Add Value*. Cambridge Academic Press  
European Commission (2004), "Directive 2004/18/EC Of The European Parliament And Of The Council of 31 March 2004 on the coordination of procedures for the award of public works contracts, public supply contracts and public service contracts.  
Hugos, M. (2011), *Essentials of Supply Chain Management*. 3<sup>rd</sup> ed. London: Wiley  
Jespersen, B., Skott Larsen, T. (2005), *Supply Chain Management in Theory and Practice*. London: Wiley  
Office of Government Commerce (2002), *Procurement Guidance Series*. HM Treasury  
Walker, D. and Rowlinson, S. (2008), *Procurement Systems: a Cross Industry Project Management Perspective*. Oxford: Taylor Francis

### **Journals**

European Journal of Purchasing and Supply Chain Management  
International Journal of Project Management  
International Journal of Supply Chain Management  
Journal of Purchasing and Supply Management

### **Websites**

Manufacturing Advisory Service  
Office of Government Commerce  
Value Wales