

Module Specification

Module Summary Information

1	Module Title	Principles of Project Management
2	Module Credits	20
3	Module Level	7
4	Module Code	ENG7143

5	Module Overview
<p>Project management is the application of processes, methods, knowledge, skills and experience to achieve the project objectives (PMBOK, 6th Ed. (2012)). Project management is key to delivering strategic value within an organisation and it involves far more than a time plan, a budget and a risk register. Projects can range from construction of a new building to the launch of new product, or outsourcing previous in-house functions, to the re-engineering of products, services and processes. This module will deal with the two main stages of any project: PLANNING and IMPLEMENTATION.</p> <p>Seven techniques are identified as being applicable to one or both of these: PRINCE II, Activity networking (Work breakdown schedules), Project Financial Appraisal, Earned Value Method of Project Cost Control, Risk Identification and Assessment, Break-even analysis and Use of Computer Software for project planning and Control.</p>	

6	Indicative Content																		
	<table border="1"> <thead> <tr> <th>Lecture Topics</th> <th>Post-session Activity</th> </tr> </thead> <tbody> <tr> <td>Introduction to Project Management</td> <td>Self-directed reading on Project Management and concepts and success factors.</td> </tr> <tr> <td>Project Management methodologies PRINCE2 Methodology</td> <td>Understand what is meant by the meaning of "project".</td> </tr> <tr> <td>Controlled start, Business Case and Organisation.</td> <td></td> </tr> <tr> <td>Project Plan progress, Risks, Quality</td> <td>Describe the concepts used in project plan progress, Risks and Quality.</td> </tr> <tr> <td>Control, Time, Closure and Review</td> <td>Describe the concepts used in project management, project planning budgeting and financial management, etc.</td> </tr> <tr> <td>Project scheduling: how to produce a network for a project.</td> <td>Understand how to produce a network for a project.</td> </tr> <tr> <td>Scheduling: how to calculate a network</td> <td>Understand how to calculate a network</td> </tr> <tr> <td>An understanding of discounting and Net Present Value calculations (NPV); Cost Benefit Analysis (CBA); Earned Value Management (EVM);</td> <td></td> </tr> </tbody> </table>	Lecture Topics	Post-session Activity	Introduction to Project Management	Self-directed reading on Project Management and concepts and success factors.	Project Management methodologies PRINCE2 Methodology	Understand what is meant by the meaning of "project".	Controlled start, Business Case and Organisation.		Project Plan progress, Risks, Quality	Describe the concepts used in project plan progress, Risks and Quality.	Control, Time, Closure and Review	Describe the concepts used in project management, project planning budgeting and financial management, etc.	Project scheduling: how to produce a network for a project.	Understand how to produce a network for a project.	Scheduling: how to calculate a network	Understand how to calculate a network	An understanding of discounting and Net Present Value calculations (NPV); Cost Benefit Analysis (CBA); Earned Value Management (EVM);	
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7	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	Critically analyse project management methodologies and tools for implementing a successful project.
	2	Evaluate approaches to human resource management for a successful project noting cultural, social and economic influences.
	3	Assess the role of quality and risk management in the delivery of successful projects.
	4	Evaluate the usefulness of current tools and software, such as Prince II as a methodology.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1,3,4	X		
1,2			X

9	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE		
Private Study (PS) includes preparation for exams	164	
Total Study Hours:	200	