

Module code: MOD003697	Version: 1 Date Amended: 06/Sep/2013
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1. Module Title
Developing Project Management Solutions

2a. Module Leader	2b. Department	2c. Faculty
Null	Department of Leadership and Management	Lord Ashcroft International Business School

3a. Level	3b. Module Type
7	Standard (fine graded)

4a. Credits	4b. Study Hours
15	150

5. Restrictions			
Type	Module Code	Module Name	Condition
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Pre-requisite:	MOD003345	Operational and Project Management	Compulsory
Pre-requisite:	MOD003693	Applied Project Management	Compulsory
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:			

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description
<p>In most industry sectors, project practitioners would not think of tackling significant projects without the deployment of modern computer-based project management applications such as Microsoft Project. This is because competence with such computer tools, combined with a thorough application of project management theory, can increase the productivity of a project management team many times over. Therefore this module has been designed to equip students with the knowledge and technical skills to develop and apply project management applications to a realistic and complex programme scenario involving multiple concurrent projects. Not only will they understand the basic functionality of the software application, but critically, they will have the opportunity to use it to create computer models and project manage a complex programme and project scenario. This work will cover the full life cycle of a project from:</p> <ul style="list-style-type: none"> • Understanding programme, project and portfolio management • Project planning and developing 'what-if?' scenarios • Resource management and levelling • Bottom up budgeting and costing • Tracking progress and variance analysis • Rescheduling incomplete work • Reporting to stakeholders using a selection of graphical and tabular report formats <p>There are a number of ways that formative progress will be assessed, including in class paper analysis; questions; one minute papers at the end of each class session; in class cases on successful and failed projects. This module will comprise a single summative assessment – an integrated project report that applies the various technical tools to address a complex project scenario which will be distributed to students. The module will provide a set of practical skills and techniques for students so that they will be able to contribute effectively as a member of a major project team.</p>

6b. Outline Content
- Analysing a programme/project specification - Creating a computer-based project plan/schedule - Adding resources to the plan - Entering resource costs (fixed/time-related) - Generating a bottom-up budget - Optimising the overall schedule and budget - Baselineing the model - Adding actual progress and expenditure - Variance analysis and crashing options - Rescheduling where necessary - Generating professional reports as required

6c. Key Texts/Literature
KEY TEXT Chatfield, C. and Johnson, T., 2010. Microsoft Project 2010 Step by Step, Microsoft Press SUPPLEMENTARY TEXT Marmel, E. 2010. Project 2010 Bible John Wiley & Sons
<i>Last Updated:</i>

6d. Specialist Learning Resources
Access to Microsoft Project software

7. Learning Outcomes (threshold standards)		
No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Critically assess and evaluate the complexities of a substantial business project, taking into account the time/cost/quality parameters, and break the project down into logical work and cost elements
2	Knowledge and Understanding	Demonstrate the ability to analyse/interpret a computer based project model and use it to manage a project through to a successful conclusion
3	Intellectual, practical, affective and transferrable skills	Create a computer based project schedule by entering all the necessary inputs and create a set of professional project reports
4	Intellectual, practical, affective and transferrable skills	Critically analyse the tactics necessary in order to track project progress and expenditure against plans and budgets, and make interventions as necessary

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2016/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	0	N/A	N/A
Other teacher managed learning	24	1-4	Seminars
Student managed learning	126	1-4	N/A
TOTAL:	150		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Coursework	1-4	100 (%)	Fine Grade	30 (%)
Details:	INTEGRATED PROJECT ASSIGNMENT: 3000 WORDS				
In order to pass this module, students are required to achieve an overall mark of 40% In addition, students are required to (a) for each element of fine graded assessment listed above, achieve a minimum mark of 30% (or higher - see Module Guide) and (b) pass any pass/fail elements					

**In order to pass this module, students are required to achieve an overall mark of 40%.
In addition, students are required to:**
(a) achieve the qualifying mark for each element of fine graded assessment of as specified above
(b) pass any pass/fail elements