

## Liverpool John Moores University

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Title: TECHNOLOGY MANAGEMENT PROJECT  
Status: Definitive  
Code: **6510TECYPC** (119818)  
Version Start Date: 01-08-2018  
  
Owning School/Faculty: Engineering  
Teaching School/Faculty: YPC International College (Kolej Antarabangsa YPC)

Team	Leader
Michael Shaw	

**Academic Level:** FHEQ6      **Credit Value:** 24      **Total Delivered Hours:** 62  
**Total Learning Hours:** 240      **Private Study:** 178

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	8
Tutorial	54

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Oral presentation	10	
Practice	AS2	Project Progression & Management	30	
Report	AS3	Written report	60	

### Aims

*To allow the students to develop their knowledge, skills, and general expertise in relation to a technical, design, management or business subject of their choice and to provide the opportunity for the students to demonstrate their ability to learn and develop their skills independently*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Assess new skills and knowledge for the application to specific outcomes or problems in a self-directing mode of learning.
- 2 Evaluate management, business and/or technical scientific principles within the project.
- 3 Evaluate and manage research problems and the decision-making process during a project.
- 4 Manage and coordinate the resources at their disposal to achieve project aims, including liaison with technician staff and lecturers and other organisations.
- 5 Assess, prepare and present formal, technical information in written and oral forms to a qualified audience.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Oral presentation	4		
Project Progress & Management	1	2	3
Written report	5		

## Outline Syllabus

*Although there is no specific syllabus, the process of achieving a successful end to the project will be:*

*The process of achieving a good project: exploring subjects for the project, identification of problems to be solved or opportunities to be evaluated within the time constraints of the project. Selection of project and rationale for the choice. Problem construction, opportunity definition. Identification of project objectives and applying measures and constraints.*

*General solutions or optional strategies to achieve objectives.*

*Selection of solution or strategy.*

*Presentation of project in written or oral (formal) form.*

*The student will provide a Terms of Reference document, agreed by supervisor(s) and student, to be submitted by a specified date (normally about 1 month after the start of semester 1). Thereafter the student will carry out the project according to*

*this Terms of Reference.*

## Learning Activities

Project work; lectures on project support topics; supervision tutorials

<b>Course Material</b>	Book
<b>Author</b>	Lock D
<b>Publishing Year</b>	2010
<b>Title</b>	Project Management
<b>Subtitle</b>	
<b>Edition</b>	9th ed
<b>Publisher</b>	Gower
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Andersen et al
<b>Publishing Year</b>	2010
<b>Title</b>	Goal Directed Project Management
<b>Subtitle</b>	
<b>Edition</b>	4rd ed
<b>Publisher</b>	Kogan Page
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Strauss & Corbin
<b>Publishing Year</b>	1999
<b>Title</b>	Basics of Qualitative Research Techniques & Processes
<b>Subtitle</b>	
<b>Edition</b>	2nd ed
<b>Publisher</b>	Sage
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Foddy
<b>Publishing Year</b>	2003
<b>Title</b>	Constructing Questions for Interviews and Questionnaires
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Cambridge UP
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Sharpe & Howard
<b>Publishing Year</b>	2002
<b>Title</b>	Management of a Student Research Project

<b>Subtitle</b>	
<b>Edition</b>	3rd ed
<b>Publisher</b>	Gower
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Creswell, J.W
<b>Publishing Year</b>	2008
<b>Title</b>	Educational Research – Planning, Conducting, and Evaluating Quantitative and Qualitative Research
<b>Subtitle</b>	
<b>Edition</b>	3rd ed
<b>Publisher</b>	Pearson
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Cooper, D. R. & Schindler, P. S
<b>Publishing Year</b>	2010
<b>Title</b>	Business Research Methods
<b>Subtitle</b>	
<b>Edition</b>	10th ed
<b>Publisher</b>	McGraw-Hill
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Fraenkel, J.R. & Wallen, N.E
<b>Publishing Year</b>	2009
<b>Title</b>	How to Design and Evaluate Research in Education
<b>Subtitle</b>	
<b>Edition</b>	6th ed
<b>Publisher</b>	McGraw-Hill
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Cleland, D.I. & Ireland, L.R.
<b>Publishing Year</b>	2007
<b>Title</b>	Project Management – Strategic Design and Implementation'
<b>Subtitle</b>	
<b>Edition</b>	5th ed
<b>Publisher</b>	McGraw-Hill
<b>ISBN</b>	

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## Notes

The E-Business Technology Management Project is intended to be the embodiment

of the taught component of the course, bringing together theoretical and conceptual aspects into the management of an investigative analysis of a problem in a real technical/commercial environment.