Liverpool John Moores University

Title:	TECHNOLOGY MANAGEMENT PROJECT
Status:	Definitive
Code:	**6049TECH** (105683)
Version Start Date:	01-08-2011
Owning School/Faculty:	Engineering
Teaching School/Faculty:	Engineering

Team	Leader
Kevin Bains-Johnston	Y

Academic Level:	FHEQ6	**Credit Value:**	36.00	**Total Delivered Hours:**	360.00
Total Learning Hours:	360	**Private Study:**	0		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Online	360.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Oral presentation	10.0	
Practice	AS2	Project Progression & Management	30.0	
Report	AS3	Written report	60.0	

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 Demonstrate their ability to learn new skills, acquire new knowledge, adapt current skills and knowledge and apply them to specific outcomes or problems in a self-directing mode of learning.
2 Demonstrate a knowledge of and ability to apply management, business and/or technical scientific principles within the project.
3 Have developed the skills of research problem-solving, decision-taking during the project.
4 Demonstrate to an advanced degree the ability to organise and coordinate the resources at their disposal to achieve project aims, including liaison with technician staff and lecturers and other organisations.
5 Have an enhanced appreciation of the importance and well structured and well presented presentations and reports and an ability to demonstrate good communication skills in both formal oral and written styles.

Learning Outcomes of Assessments

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

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

References

Course Material	Book
Author	Lock D
Publishing Year	1996
Title	Project Management
Subtitle	
Edition	
Publisher	Gower
ISBN	

Course Material	Book
Author	Andersen et al
Publishing Year	1995
Title	Goal Directed Project Management
Subtitle	
Edition	
Publisher	Kogan Page
ISBN	

Course Material	Book
Author	Strauss & Corbin
Publishing Year	1998
Title	Basics of Qualitative Research Techniques & Processes
Subtitle	
Edition	
Publisher	Sage
ISBN	

Course Material	Book
Author	Foddy
Publishing Year	1993
Title	Constructing Questions for Interviews and Questionnaires
Subtitle	
Edition	
Publisher	Cambridge UP

ISBN	

Course Material	Book
Author	Sharpe & Howard
Publishing Year	1996
Title	Management of a Student Project
Subtitle	
Edition	
Publisher	Gower
ISBN	

Notes

The 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.