

### Summary Information

Module Code	6161PDE
Formal Module Title	Project Management
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

### Learning Methods

Learning Method Type	Hours
Lecture	11
Tutorial	33

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

### Aims and Outcomes

Aims	Provide an overview of how design is managed in organisations and the principle methods of planning, monitoring and controlling design projects.
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**After completing the module the student should be able to:**

## Learning Outcomes

Code	Number	Description
MLO1	1	Synthesize project management theory and techniques to conceive an effective project plan
MLO2	2	Monitor and analyse project activity to ensure effective execution of project plan through the use of industry standard PM tools
MLO3	3	Test the outcome of the project against stated project objectives in terms of time, cost and quality constraints

## Module Content

Outline Syllabus	BS7000 design management standard. Project management.- Determining a projects characteristics;- Pitfalls in project management;- Laying a solid project foundation;- Project breakdown structure (PBS)- Global project planning - milestone planning;- Global project organizing - milestone responsibility chart;- Detail planning and detail organization - activity charts;- Work breakdown structure (WBS)- Activity planning, monitoring and control techniques (relationship between schedules WBS and PBS); - Controlling projects effectively;- Financial control of projects;- Quality in project work;- Developing a project culture;- Use and development of Gantt charts, identifying critical paths; resource smoothing; execution strategy.
Module Overview	This module will provide an overview of how design is managed in organisations and the principle methods of planning, monitoring and controlling design projects.
Additional Information	This module is delivered using a variety methods including lectures and tutorials. The module will be delivered from a engineering and product design perspective.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Project Management Report	100	0	MLO1, MLO2, MLO3

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Kevin Johnston	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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