

Liverpool John Moores University

Title: MANAGING RESOURCES (V.2)
Status: Definitive
Code: **6045UG** (102167)
Version Start Date: 01-08-2011

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
Larry Wilkinson	Y
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Academic Level: FHEQ6 **Credit Value:** 12.00 **Total Delivered Hours:** 36.00
Total Learning Hours: 120 **Private Study:** 84

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	assignment	50.0	
Report	AS2	in class assessment	50.0	

Aims

To introduce the students to the principles and application of planning techniques using precedence relationships, enable them to understand the importance of the management of resources.

To consider problems associated with project acceleration and its effect on resources and project cost.

To critically analyse the role of project management as a service to clients, and the resource implications of doing this.

To introduce human resources management in relation to the construction industry.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically appraise the various planning options available to a contractor.
- 2 Apply the principles of time cost optimisation to project programming and acceleration situations.
- 3 Identify and evaluate the role of project management in building.
- 4 Critically appraise the resources that need to be managed during the construction process, and how these resources can be managed and controlled.

Learning Outcomes of Assessments

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

REPORT 1	3	4
REPORT FINAL	1	2

Outline Syllabus

Sequencing and Method Statements, Programming Techniques Overview, Precedence Diagrams in detail.

Learning Activities

Formal lectures and tutorials are supplemented with journal articles, site visits and contractor documentation. Computer workshops are carried out in the computer laboratory. Students are encouraged to draw on, where possible, industry experience from their industrial placement year or from their working environment.

The relationship between the assessment and learning outcomes is in certain areas interchangeable to allow flexibility.

References

Course Material	Book
Author	Cooke B. and Williams P.
Publishing Year	1998
Title	Construction Planning, Programming and Control
Subtitle	
Edition	

Publisher	Macmillan
ISBN	

Course Material	Book
Author	Preece C.et al
Publishing Year	1998
Title	Corporate Communications in Construction
Subtitle	
Edition	
Publisher	Blackwell Science
ISBN	

Course Material	Book
Author	Walker A.
Publishing Year	2002
Title	Project Management in Construction
Subtitle	
Edition	4th Edition
Publisher	Blackwell Publishing
ISBN	

Course Material	Book
Author	Lavender S.
Publishing Year	1996
Title	Management for the Construction Industry
Subtitle	
Edition	
Publisher	CIOB publication
ISBN	

Notes

The module introduces the students to the principles and application of planning techniques, and problems associated with project acceleration, procurement options. The role of project management as a service to clients. The focus of this is in relationship to the resources used on construction sites.