

Liverpool John Moores University

Title: MAINTENANCE AND FACILITIES MANAGEMENT
Status: Definitive
Code: **6114BEUG** (118017)
Version Start Date: 01-08-2020

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Civil Engineering and Built Environment

Team	Leader
Matthew Tucker	Y
Mal Ashall	

Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 75

Total Learning Hours: 240 **Private Study:** 165

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	48
Tutorial	24

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Case Study Project	50	
Exam	AS2	Examination	50	3

Aims

1. To provide an in depth awareness of the nature, operations and added value of facilities management
2. To provide an in depth awareness of the issues and practices involved in the maintenance of buildings.

Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate Maintenance management principles and application.
- 2 Analyse Building Maintenance strategies and programmes.
- 3 Explain the significance and role of building maintenance.
- 4 Develop a methodology for planning and organising maintenance works.
- 5 Critically analyse FM concepts and theories and be able to apply them in practice.
- 6 Analyse and evaluate FM processes and examine new ways of working.
- 7 Critically evaluate company FM strategy and formulate strategies to improve efficiency of operations.
- 8 Evaluate how the parameters of the facilities manager may be broadened and enhanced.

Learning Outcomes of Assessments

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

CASE STUDY PROJECT	2	4	7	8
EXAMINATION	1	3	5	6

Outline Syllabus

RICS FM Guidance Notes, Introduction to FM Process analysis. Process engineering. Operational FM Operations and limitations. History of FM Strategic FM. Dimensions and limitations. Operations versus strategic. Hard and Soft FM. Performance Measurement Methods, Limitations and Efficiency

*Maintenance management principles and application.
Building Maintenance strategies and programmes.
The significance and role of building maintenance.
Maintenance manuals and documentation
Maintenance plans
Organising maintenance work*

Learning Activities

Lectures and Tutorials

Notes

This module provides students with depth and awareness of facilities management by focusing on how organisations can gain added value through the facilities management function. The module looks at the nature and operations of facilities management in an organisational setting and aims to guide students in appreciating facilities management at a strategic organisational level, rather than simply an

operational building function. The module also provides an in-depth examination of a particular facet of facilities management – maintenance management – providing students with in-depth awareness of the issues and practices involved in the maintenance of buildings, and how this fits into the overall facilities management umbrella.