

Liverpool John Moores University

Title: BUILDING TECHNOLOGY AND MANAGEMENT
Status: Definitive
Code: **7319BEPG** (121010)
Version Start Date: 01-08-2015

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

Team	Leader
Matthew Tucker	Y
John Gammon	

Academic Level: FHEQ7 **Credit Value:** 10.00 **Total Delivered Hours:** 16.00
Total Learning Hours: 100 **Private Study:** 84

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	16.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report on Building Technology and Management	100.0	

Aims

This module aims to enable students to understand and evaluate the principles and techniques utilised in the construction of buildings and to appraise and analyse the complexities of managing buildings from an asset management perspective

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically explain and evaluate the construction of primary and secondary elements of domestic and commercial buildings.
- 2 Critically review methods, theories and techniques for managing real estate assets, including defects diagnosis.
- 3 Evaluate the management and maintenance of building facilities in order to optimise organisational performance.
- 4 Evaluate the application of technology to the management of real estate throughout its lifespan.

Learning Outcomes of Assessments

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

Assignment	1	2	3	4
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Outline Syllabus

Construction principles and processes
Sustainable construction principles and techniques
Defects diagnosis and rectification
Dilapidations
Facilities management
BIM and real estate

Learning Activities

Lectures

Notes

The module develops the students' ability to appreciate the complexity of building construction and technology and the importance of managing and maintaining real estate assets in order to optimize organisational and commercial performance.