Liverpool John Moores University

Title: Sustainable Construction
Status: Definitive
Code: **7113BEUG**   (120612)
Version Start Date: 01-08-2016

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

Team	Leader
Damian Fearon	Y

Academic Level:	FHEQ7	**Credit Value:**	20	**Total Delivered Hours:**	48
Total Learning Hours:	200	**Private Study:**	152		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	48

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1		100	

Aims

To identify and critically appraise how environmental sustainability can be incorporated into a more modern and innovative construction organisation and industry.
To explore the role of construction in being more ethically and socially responsible.

Learning Outcomes

After completing the module the student should be able to:

1   Identify and assess the effects of construction on the natural environment.
2   Review and appraise the current environmental legal and statutory framework.
3   Define and review the magnitude of organisational change required within the construction industry and businesses involved therein.
4   Describe and apply innovative and practical solutions within the construction industry context.
5   Define and use various environmental performance measurement tools.

Learning Outcomes of Assessments

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

Report   1   2   3   4   5

Outline Syllabus

Climate change and energy usage.
Construction waste and Contaminated land.
Environmental Law and Regulation.
Environmental Economics.
Resource Management.
Innovation.
Organisational Change for Sustainability.
Performance Measurement – Sustainability Indicators.

Learning Activities

Series of lectures/workshops.

Notes

The module provides a wide ranging study of sustainability issues affecting the construction and property industry.