

Liverpool John Moores University

Title: INTEGRATED PROJECT
Status: Definitive
Code: **4018BEHN** (102290)
Version Start Date: 01-08-2011

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

Team	Leader
Patrick Dunlea-Jones	Y

Academic Level: FHEQ4
Credit Value: 24.00
Total Delivered Hours: 72.00
Total Learning Hours: 240
Private Study: 168

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24.000
Online	36.000
Seminar	12.000

Grading Basis: BTEC

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	group project and presentations (Formative)	70.0	
Portfolio	AS2	individual skills portfolio	30.0	

Aims

To encourage students to apply the knowledge gained from the modules within their first year programme to a simulated low-rise project.

To develop the students understanding and application of key skills.

To introduce and integrate traditional and sustainable construction design and technology to a project.

Learning Outcomes

After completing the module the student should be able to:

- 1 Practically apply development, design and construction principles and techniques to a low-rise building project.
- 2 Produce proportioned and annotated sketches to compliment technical awareness of the building process and associated services.
- 3 Present accurate and concise development and construction solutions considering environmental implications.
- 4 Produce project documentation for domestic building projects.
- 5 Develop presentation skills: IT, written, graphical and verbal.
- 6 Participate in a team approach to solving building production problems.
- 7 Produce a portfolio of evidence for key skills using e-portfolio.

Learning Outcomes of Assessments

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

CW	1	2	3	4
CW	5	6	7	

Outline Syllabus

This module will facilitate the learning process by enabling the students to put into practice the theory gained in first year modules. A low-rise domestic development will be simulated to provide the vehicle for this process.

The following areas will be considered within the module and applied to the project: Traditional and sustainable construction techniques and materials.

Development, design and production processes.

Key skills development: IT, communication methods, team work, managing and solving problems and managing oneself.

Learning Activities

The module is based around a project and will involve attending studio sessions and it will be supported by the other modules within the first year of the programme.

Where possible site visits and guest speakers will be used to simulate the real life of a building project. Key skills will also be developed through seminars and practical sessions and through application of e-portfolio.

References

Course Material	Book
Author	Howard, C. and Riley, M.

Publishing Year	2002
Title	Construction Technology 1: House Construction
Subtitle	
Edition	
Publisher	Palgrave
ISBN	0333804562

Course Material	Book
Author	Marshall, D. & Worthing, D.
Publishing Year	2000
Title	The Construction of Houses
Subtitle	
Edition	
Publisher	Estates Gazette
ISBN	0728203332

Course Material	Book
Author	Greeno, R.
Publishing Year	2004
Title	Building Construction Handbook
Subtitle	
Edition	5th Edition
Publisher	Butterworth-Heinemann
ISBN	0750661968

Course Material	Book
Author	Greeno, R.
Publishing Year	2002
Title	Introduction to Building (Mitchells Building Series)
Subtitle	
Edition	
Publisher	Longman Group UK
ISBN	0582473039

Course Material	Book
Author	Young, M.
Publishing Year	1986
Title	Architectural & Building Design: An Introduction
Subtitle	
Edition	
Publisher	Heinemann
ISBN	0434924482

Course Material	Book
Author	Adler, D.
Publishing Year	1999
Title	Metric Handbook

Subtitle	
Edition	2nd Edition
Publisher	Oxford Architectural Press
ISBN	0750608994

Course Material	Book
Author	BRE
Publishing Year	0
Title	Digests: Relevant to Construction
Subtitle	
Edition	
Publisher	BRE
ISBN	

Course Material	Book
Author	ODPM
Publishing Year	0
Title	Current Building Regulations
Subtitle	
Edition	
Publisher	HMSO
ISBN	

Course Material	Book
Author	Various
Publishing Year	0
Title	Standards/Codes of Practice: Electronic Sources/CD Rom's
Subtitle	
Edition	
Publisher	
ISBN	

Notes

This module develops the learning process at Year 1 by integrating the knowledge gained from modules and applying them to a simulated low-rise building development. Development of key skills is important throughout the whole module.