

Liverpool John Moores University

Title: DEVELOPMENT & CONSTRUCTION PROJECT
Status: Definitive
Code: **5017BEHN** (102324)
Version Start Date: 01-08-2011

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

Team	Leader
Patrick Dunlea-Jones	Y

Academic Level: FHEQ5
Credit Value: 12.00
Total Delivered Hours: 36.00
Total Learning Hours: 120
Private Study: 84

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

Grading Basis: BTEC

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Portfolio submission of project documentation	55.0	
Presentation	AS2	Presentation and group work (Formative)	30.0	
Portfolio	AS3	Mapping of key skills exercise	15.0	

Aims

To apply the skills and knowledge developed in other modules within a major piece of work that reflects the performance expected of technologists within the construction and property sectors.

To bring together small groups of students so that they can co-ordinate their individual skills and abilities.

To develop the ability to work individually and with others within given constraints.

*To produce an acceptable and viable solution to the brief.
To encourage students to reflect on their level of competency regarding employability skills, and identify opportunities for developing these skills.*

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe a list of technical and non-technical specifications to be met, allocate responsibilities within a team and identify project constraints.
- 2 Formulate an initial solution and appraise its feasibility including environmental impact analysis.
- 3 Describe and implement an agreed solution, provide evidence on the decision making process and how the project developed with drawings, records of meetings, etc.
- 4 Evaluate how the final solution meets the set criteria, produce project documentation and present the final solution.
- 5 Map their employability skill competence to date and identify opportunities for further development.

Learning Outcomes of Assessments

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

CW	1	4
CW	2	3
CW	5	

Outline Syllabus

The student groups will be expected to produce the following:

- *Project brief, complete set of drawings and finishes schedule.*
- *Feasibility studies*
- *Programme of works and cash flow diagram.*
- *Model of the project.*
- *Evidence of project development.*

Learning Activities

Students should, ideally, operate in groups of three or four, allocating responsibilities within the group and meeting at intervals to evaluate progress. The role of the lecturer is, therefore, of a counselling rather than a directing nature once the initial brief for the project has been clarified.

Part of the module should be devoted to presentation of findings, both at intermediate and final stages, so that all groups are provided with an insight to the

thinking of others. Students will be expected to access and evaluate a variety of data in undertaking the project through the use of a variety of available data sources.

It is essential that individual student performance should be capable of assessment even though they are working in teams.

The allocations of responsibility within the group should help in this regard and the project brief should make it clear. Part of the assessment will need to measure the effectiveness of communicating and working with others within the group.

Weekly meetings between groups and staff will ensure that all members of the group are having the same input into the project, and penalties will be applied if this is not the case.

References

Course Material	Book
Author	Moore, V.
Publishing Year	2005
Title	A Practical Approach to Planning Law
Subtitle	
Edition	9th Edition
Publisher	Oxford University Press
ISBN	0199272794

Course Material	Book
Author	Clamp, H., Cox, S. & Davison, E.
Publishing Year	2003
Title	Which Contract: choosing the appropriate building contract
Subtitle	
Edition	3rd Edition
Publisher	RIBA Publications
ISBN	0859461301

Course Material	Book
Author	Telling, A.E. & Duxbury, R.M.C.
Publishing Year	2002
Title	Planning Law & Procedure
Subtitle	
Edition	12th Edition
Publisher	Oxford University Press
ISBN	0406947961

Course Material	Book
Author	Seeley, I.H.
Publishing Year	1998
Title	Building Quantities Explained
Subtitle	

Edition	5th Edition
Publisher	Macmillan
ISBN	0422837221

Course Material	Book
Author	RICS
Publishing Year	2000
Title	SMM7: a code of practice for measurement of building works: revised 1998
Subtitle	
Edition	
Publisher	RICS/Construction Confederation
ISBN	0128434112

Notes

The module applies the skills and knowledge developed in other modules within a major piece of work that reflects the performance expected of technologists. Students will be using the RAPID package to reflect on the acquisition of employability skills to date and identify opportunities for improving these skills.