Liverpool John Moores University

Title:	ARCHITECTURAL DESIGN
Status:	Definitive
Code:	**6010BEUG** (102790)
Version Start Date:	01-08-2011
Owning School/Faculty:	Built Environment
Teaching School/Faculty:	Built Environment

Team	Leader
Lynne Bell	Y

Academic Level:	FHEQ6	**Credit Value:**	12.00	**Total Delivered Hours:**	38.00
Total Learning Hours:	120	**Private Study:**	82		

Delivery Options
Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	2 from 4 questions	70.0	2.00
Report	AS2	assignment	30.0	

Aims

To evaluate the practice of building design theory and methodology.
To develop the student's awareness of the quality of and interactions between the utility, architectural, and cultural aspects of buildings.

Learning Outcomes

After completing the module the student should be able to:

1 Evaluate the factors pertinent to the design of a new building and the design of a refurbishment project to an existing building.
2 Evaluate the historical, architectural and cultural aspects of the built environment heritage.
3 Evaluate the needs of the building user.
4 Analyse the impact of locations, be capable of formulating spatial, communications and servicing requirements; and propose and evaluate design solutions such that they are able to communicate them to lay persons and builders.
5 Appraise the architectural language, history, and evolution of the built environment so as to permit informed management and alterations to existing buildings.

Learning Outcomes of Assessments

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

EXAM	1	2	5		
ASSIGNMENT	1	2	3	4	5

Outline Syllabus

Analysis of building users' characteristics. Analysis of the needs of building users. Data on which design should be based - from published sources and generated by original research. Ergonomics. Functional spaces. Circulation of people and vehicles. Circulation spaces. Safety in fire. Access to buildings for disabled persons. Layout planning. Work station design. Evaluation of layouts. Environmental services and controls in complex buildings.
The identification and description of buildings of all ages. Visual considerations in altering and extending buildings. Introduction to interior design. The evolution of building form and architecture. An introduction to architectural styles.

Learning Activities

Lectures and tutorials.

The outcomes will be tested by means of an examination to evaluate knowledge and analysis; and a project to further the student's ability to apply the knowledge and techniques covered in the module.

References

Course Material	Book
Author	Young M
Publishing Year	1986
Title	Architecture and Building Design: An Introduction'
Subtitle	

Edition	
Publisher	Heinemann
ISBN	0-434-924-48-2

Course Material	Book
Author	Blyth A & Worthington J
Publishing Year	2001
Title	Managing the Brief for Better Design
Subtitle	
Edition	
Publisher	Spon
ISBN	0-419-24470-0

Course Material	Book
Author	Sharples J
Publishing Year	2004
Title	Pevsner Architectural Guides: Liverpool
Subtitle	
Edition	
Publisher	Yale University Press
ISBN	0-300-10258-5

Notes

The module integrates the cultural, heritage, and artistic qualities of buildings with their ongoing functional requirements, and is therefore intended for building surveyors and building maintenance managers concerned with the management of existing buildings, refurbishment and upgrading of buildings, and the design of new or additional buildings and facilities.