

Liverpool John Moores University

Title: DESIGN PRINCIPLES, LAW AND CONTRACT
Status: Definitive
Code: **4102BEHN** (118174)
Version Start Date: 01-08-2016

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

Team	Leader
Aseel Hussien	Y

Academic Level: FHEQ4 **Credit Value:** 24 **Total Delivered Hours:** 72
Total Learning Hours: 240 **Private Study:** 168

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Tutorial	48

Grading Basis: BTEC

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Housing Design project	30	
Test	AS2	Practical Building Law	30	
Report	AS3	H&S and Building control	30	
Self Awareness Statement	AS4	Self awareness statement	10	

Aims

- To introduce fundamental concepts concerning the design of dwellings in respect of building form, function, historical precedent and impact on the environment
- To introduce the roles and responsibilities of parties working in the construction

industry.

- To provide a working knowledge of the English legal system and basic principles of the English law of contract and tort.

Learning Outcomes

After completing the module the student should be able to:

- 1 Discuss the significance of historical, social and technological influences on domestic architecture.
- 2 Apply basic principles of design to the planning, design and specification of a domestic dwelling.
- 3 Examine and evaluate the environmental impact of decisions made during the design phase of a project.
- 4 Recognise and explain the roles and functions of the main parties within the construction industry throughout the planning, design and construction phases of a project.
- 5 Describe the principles and operation of the legal system and demonstrate knowledge of the relevance of legal principles for the property professional.
- 6 Demonstrate knowledge of the formation of a contract and the principles to be applied.
- 7 Examine the basic principles of negligence and other obligations.
- 8 Examine the significance of town and country planning, building control and health and safety legislation in the development process and how it impacts on the responsibilities of the design team.
- 9 To identify and reflect upon the following aspects of personal development: strengths and weaknesses, motivations and values, ability to work with others.

Learning Outcomes of Assessments

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

PORTFOLIO	1	2	3	4
TEST	5	6	7	
REPORT	8			
WoW Skills Bronze	9			

Outline Syllabus

A brief introduction to history of domestic architecture in the UK; architectural historical precedent; influence of social and technological changes; relationship of buildings to their context

Basic design principles: client requirements, user factors. site constraints; design ergonomics ;disabled access; project aesthetics; influence of shape, size and proportion; position; location; services and structure integration

Environmental impact; Sustainable approach to house design. Material specification, design layout and technology; renewables

Purpose and importance of specifications, relationship to drawings; performance and prescriptive types.

Roles and responsibilities of the main parties in the construction industry; the RIBA plan of Work Stages.

Legal principles; legal structures and the courts. sources of law. devolution and legal issues .

Relevance of Legal Issues for Property Professionals

The Law of Contract, including formation, common issues, exclusion clauses, implied term, termination and rights of the parties. Common forms of building contracts.

Negligence and other common torts, exclusions, negligence liabilities for property professionals, remedies.

Building Control procedures, building regulations, approved documents, building control applications

Town and Country Planning, planning applications and procedures

Health and Safety, Construction, Design and Management Regulations, responsibilities for the design team.

Learning Activities

Lectures, tutorials.

Notes

This module introduces fundamental concepts concerning the design of dwellings in respect of building form, function, historical precedent and impact on the environment. It also provides the student with an understanding of stages of the development process as well as a working knowledge of the English legal system and basic principles of the English law of contract, tort and property law.