

Liverpool John Moores University

Title: TECHNOLOGY AND PRACTICE (5)
Status: Definitive
Code: **6043AR** (109685)
Version Start Date: 01-08-2011

Owning School/Faculty: Liverpool School of Art & Design
Teaching School/Faculty: Liverpool School of Art & Design

Team	Leader
Ian Wroot	Y

Academic Level: FHEQ6
Credit Value: 12.00
Total Delivered Hours: 31.00
Total Learning Hours: 120
Private Study: 89

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	19.000
Seminar	6.000
Tutorial	6.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	by submission of Project work and a written test.	100.0	

Aims

To inform students in the subjects of environmental design, structural design, choice of materials and their properties, and the construction of buildings on site.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate a holistic appreciation of the roles of environment, structure, technology and practice in the process of architectural design.
- 2 Demonstrate a reasonable level of understanding of professional practice procedures and legal matters involved in the procurement of buildings appropriate for an RIBA pt 1 level graduate.

Learning Outcomes of Assessments

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

ESSAY 1 2

Outline Syllabus

The module incorporates 10 lectures on environmental issues relating to air-conditioning systems, internal transportation systems and fire alarm and extinguishing systems.

The module also has a course of a further 8 'Professional Studies' lectures. This course will be the second in a series of 3 over 3 semesters. The aim is to introduce students to the framework of professional procedures and legal responsibilities within which architects work in England and Wales.

3 half-day seminar/workshops with predetermined objectives and assessed outcomes relating directly to the concurrent design module will take place within this module.

Learning Activities

Lectures and studio seminars.

References

Course Material	Book
Author	HALL, F
Publishing Year	1995
Title	Essential building services and equipment
Subtitle	
Edition	
Publisher	Newnes
ISBN	

Course Material	Book
Author	JOHNSON, S
Publishing Year	1993

Title	Greener buildings : environmental impact of property
Subtitle	
Edition	
Publisher	Macmillan
ISBN	

Course Material	Book
Author	NELSON, G
Publishing Year	1995
Title	The architecture of building services
Subtitle	
Edition	
Publisher	Batsford
ISBN	

Course Material	Book
Author	SAXON, R
Publishing Year	1983
Title	Atrium buildings : development and design
Subtitle	
Edition	
Publisher	Architectural Press
ISBN	

Course Material	Book
Author	VALE, B
Publishing Year	1991
Title	Green architecture : design for a sustainable future
Subtitle	
Edition	
Publisher	Thames & Hudson
ISBN	

Course Material	Book
Author	GREENSTREET, B
Publishing Year	2003
Title	Legal and contractual procedures for architects.
Subtitle	
Edition	
Publisher	London : Architectural Press
ISBN	

Course Material	Book
Author	SHARP, D
Publishing Year	1986
Title	The business of architectural practice
Subtitle	

Edition	
Publisher	London : Collins Professional and Technical
ISBN	

Course Material	Book
Author	Architect's legal handbook
Publishing Year	2004
Title	the law for architects
Subtitle	
Edition	
Publisher	Oxford : Architectural
ISBN	

Notes

This module will help students to see the commercial planning and technical contexts within which architectural design must take place in practice.

This module is assessed by the way the project work is set and produced during 3 half-day seminar/workshops, the aim being to integrate the knowledge of building technology gained over the previous 4 semesters into the work being produced in the design studio. The 'Professional Studies' section of the module is assessed via a written test.