



MODULE SPECIFICATION

Part 1: Information			
Module Title	Design Process		
Module Code	UBLLWV-30-1	Level	Level 4
For implementation from	2018-19		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Architecture and the Built Environment
Department	FET Dept of Architecture & Built Environ		
Contributes towards	Building Surveying [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19 Construction Project Management [May][FT][AustonSingapore][3yrs] BSc (Hons) 2018-19 Construction Project Management [Feb][FT][AustonSingapore][3yrs] BSc (Hons) 2018-19 Construction Project Management [Sep][FT][AustonSingapore][3yrs] BSc (Hons) 2018-19 Construction Project Management [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19 Building Surveying [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19 Construction Project Management [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

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Part 2: Description

Educational Aims: In addition to Learning Outcomes, the educational experience may explore, develop, and practise but not formally discretely assess the following

Working as a team member

Drawn and verbal presentation skills

Advanced CAD/BIM

Outline Syllabus: Fundamental Principles:

Historic and architectural context

Design theories and aesthetics

Function, form and style

Analysis of users requirements, briefing

Functional appraisal and design

Structural appraisal and design

Environmental appraisal and design

Design methodology

Management of the design process

Design guides

Urban design

Housing design

Access for the disabled

Loading: structural layout and load paths

Application:

Drawing and sketching

Introduction to CAD and BIM

Design and detailing of simple building types

Planning applications, design and access statements

Teaching and Learning Methods: The first 6-8 weeks is devoted to skills development including lectures, tutorials, practical classes, workshops, site visits etc. to help students engage with what is to follow.

The remainder of the first semester covers theoretical aspects of design to prepare students for summative assessment at the end of the semester, mainly delivered by lectures and tutorials with directed learning.

Teaching in the second semester focuses on the practical application of theoretical issues covered in the first semester using a specific project as the teaching and learning vehicle, comprising a mixture of project workshops and design studios

Scheduled learning includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc.

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Part 3: Assessment

The assessment strategy can be divided into three distinct sections.

Component A - Relates to development of essential building surveying, measuring, recording and sketching skills and is assessed by summative assessment in the form of a 30 minute 'in class' group presentation under controlled conditions. Learners will carry out an evaluation and mark adjustment process to determine individual contributions accordingly.

Component B – Element 1. Is based on the skills explored and examined in the sessions in Semester 1. These build to form a portfolio of work which reflects the development and application of these skills accordingly to typical situations that are faced in practice.

Component B – Element 2. Relates to the project work undertaken in semester 2.

Formative assessment will be based on in class critique sessions, where students will be required to communicate their design ideas and respond to criticism from staff and peers, to then produce a final portfolio of work to graphically demonstrate their response to the design brief.

First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		30 %	Skills portfolio
Portfolio - Component B	✓	45 %	Project portfolio
Presentation - Component A		25 %	Presentation (30 minutes)
Resit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		30 %	Skills portfolio
Portfolio - Component B	✓	45 %	Project portfolio
Presentation - Component A		25 %	Presentation

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will be able to:	
		Module Learning Outcomes
	MO1	Undertake measured and level surveys and produce drawings by hand and CAD
	MO2	Identify the environmental context in which design is undertaken
	MO3	Demonstrate the relationship between external influences on design and the resultant function, form and style of buildings
	MO4	Identify the links between site, structure, environment, fabric and the user's requirements
	MO5	Elicit a design brief from building users
	MO6	Apply the fundamental principles and concepts of design to a range of simple building types
	MO7	Describe the function of key structural elements in domestic and simple framed construction
	MO8	Undertake detailed design appraisal of selected elements of construction

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Contact Hours	Contact Hours	
	Independent Study Hours:	
	Independent study/self-guided study	75
	Total Independent Study Hours:	75
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	225
	Total Scheduled Learning and Teaching Hours:	225
	Hours to be allocated	300
	Allocated Hours	300
Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/modules/ubllwv-30-1.html</p>	