



MODULE SPECIFICATION

Part 1: Information			
Module Title	Introduction to Facade Systems		
Module Code	UBLLYS-15-M	Level	Level 7
For implementation from	2018-19		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Architecture and the Built Environment
Department	FET Dept of Architecture & Built Environ		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: This unit is an introduction to both the programme and the discipline of façade engineering.</p> <p>Co-requisites: It is strongly advised that part time and CPD students take this as their first module.</p> <p>Educational Aims: See Learning Outcomes.</p> <p>Outline Syllabus: Introduction to the Programme. What is façade engineering? The different types of building envelope. Introducing the terminology used to describe building envelopes and their components. A visit to the Wintech Engineering test laboratory provides an introduction to weather tightness testing of façades. It will also give the chance to see examples of different facades types and the tests on view will also relate to other modules in the programme. The processes of designing and specifying façades. The context in which façade engineers operate. The range of performance characteristics the façade must satisfy.</p>

STUDENT AND ACADEMIC SERVICES

Teaching and Learning Methods: The module is delivered by way of five study days for face to face teaching. Recorded lectures and the use of email discussion groups of virtual learning environments (VLEs) and other technology-aided means are also employed.

The module will be delivered by means of a series of lectures, seminars and tutorials.

Lectures and seminars will be used to enable students to support their own independent learning by exploring deeper issues pertaining to Façade Engineering and receiving formative feedback. Occasional speakers will be used to provide up to date material and context to the applications of the subject area.

Directed reading examining the key principles and relevant criteria relating to a number of topics of importance to Façade Engineering.

Part 3: Assessment

This is the first module and as such there is no preparatory work.

The Presentation and Report (A) is based on a real world practical activity which a professional Façade Engineer would need to undertake.

The Essay (B) supports assimilation and reflection of taught material, with literature and application to real world examples.

First Sit Components	Final Assessment	Element weighting	Description
Written Assignment - Component B	✓	50 %	Essay (2000 words)
Portfolio - Component A		50 %	Video presentation and report (1500 words)
Resit Components	Final Assessment	Element weighting	Description
Written Assignment - Component B	✓	50 %	Essay (2000 words)
Portfolio - Component A		50 %	Video presentation and report (1500 words)

Part 4: Teaching and Learning Methods

On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	Reference
Identify different façade forms, with reference to structural systems, material election and overall performance objectives and how and under what conditions they might be specified	MO1
Critically Identify the various performance characteristics a façade must meet and how those characteristics would be specified by members of the design team	MO2
Demonstrate an in depth knowledge of the role of different professionals in the design, manufacture and installation of a contemporary building façades, using current theoretical and practical approaches	MO3

STUDENT AND ACADEMIC SERVICES

Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	118
	Total Independent Study Hours:	118
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	32
	Total Scheduled Learning and Teaching Hours:	32
	Hours to be allocated	150
	Allocated Hours	150
Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/ubllys-15-m.html</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Façade Engineering [Sep][PT][Frenchay][2yrs] MSc 2018-19

Façade Engineering [Sep][FT][Frenchay][1yr] MSc 2018-19