



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Introduction to Facade Systems		
Module Code	UBLLYS-15-M	Level	Level 7
For implementation from	2020-21		
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><b>Overview:</b> 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><b>Educational Aims:</b> See Learning Outcomes.</p> <p><b>Outline Syllabus:</b> The syllabus includes:</p> <p>Introduction to the Programme</p> <p>What is façade engineering?</p> <p>The different types of building envelope.</p> <p>Introducing the terminology used to describe building envelopes and their components.</p> <p>A visit to a test laboratory provides an introduction to weathertightness testing of façade. It will also give the chance to see examples of different facades types and the tests on view will also</p>

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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 requirements the façade must satisfy.

**Teaching and Learning Methods:** The module will be delivered by means of:

Lectures and seminars which enable students to support their own independent learning by exploring deeper issues pertaining to Façade Engineering, visiting 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.

The module is delivered by way of five study days for face to face teaching.

### Part 3: Assessment

Component A will be assessed via a Video Presentation (7-10min) on a real world practical activity which a professional Façade Engineer would need to undertake.

Component B is assessed via an Essay which supports assimilation and reflection of taught material, with literature and application to real world examples.

First Sit Components	Final Assessment	Element weighting	Description
Presentation - Component A		25 %	Video Presentation on Façade Engineering (7-10min)
Written Assignment - Component B	✓	75 %	Essay (2500 words)
Resit Components	Final Assessment	Element weighting	Description
Presentation - Component A		25 %	Video Presentation on Façade Engineering (7-10min)
Written Assignment - Component B	✓	75 %	Essay (2500 words)

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<b>Part 4: Teaching and Learning Methods</b>																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th style="text-align: left;"><b>Module Learning Outcomes</b></th> <th style="text-align: left;"><b>Reference</b></th> </tr> </thead> <tbody> <tr> <td>Identify different façade forms, with reference to structural systems, material selection and overall performance objectives and how and under what conditions they might be specified. (Component A)</td> <td>MO1</td> </tr> <tr> <td>Identify the various performance characteristics a façade must meet and how those characteristics might be specified by members of the design team. (Component A, B)</td> <td>MO2</td> </tr> <tr> <td>Demonstrate a knowledge of the role of different professionals in the design, manufacture and installation of a contemporary building façades, using current theoretical and practical approaches. (Component A, B)</td> <td>MO3</td> </tr> </tbody> </table>	<b>Module Learning Outcomes</b>	<b>Reference</b>	Identify different façade forms, with reference to structural systems, material selection and overall performance objectives and how and under what conditions they might be specified. (Component A)	MO1	Identify the various performance characteristics a façade must meet and how those characteristics might be specified by members of the design team. (Component A, B)	MO2	Demonstrate a knowledge of the role of different professionals in the design, manufacture and installation of a contemporary building façades, using current theoretical and practical approaches. (Component A, B)	MO3								
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p><a href="https://uwe.rl.talis.com/modules/ublllys-15-m.html">https://uwe.rl.talis.com/modules/ublllys-15-m.html</a></p>																

<b>Part 5: Contributes Towards</b>
This module contributes towards the following programmes of study: