

MODULE DESCRIPTOR

Module Title

Performance Evaluation

Reference	SU4014	Version	9
Created	July 2021	SCQF Level	SCQF 10
Approved	July 2002	SCQF Points	15
Amended	September 2021	ECTS Points	7.5

Aims of Module

To provide the student with the ability to formulate strategies and solutions, which address the interaction between the functional requirements of buildings and the factors which shape their design, development and realisation.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Critically evaluate the application of techniques for predicting the functional performance of buildings during the design process.
- 2 Develop strategies for integrating performance evaluation techniques into the design process.
- 3 Critically analyse and evaluate the effectiveness of building design solutions in terms of attaining planned objectives for functional performance.

Indicative Module Content

This module is based on the identification, analysis and resolution of design issues relating to the functional performance of buildings; Case study analysis of functional performance indicators for building design; Formulation of strategies for incorporating client and user imperatives into the design process; Development of a design brief, which involves the identification and resolution of complex functional issues relating to building performance; Data gathering, analysis and formulation of design solutions; Representation and justification of design methodology and solutions in a simulated professional context.

Module Delivery

This is a module predominantly involving lectures, tutorial and practical work, which may include field and studio work. Directed study to performance related core texts and resource material will be encouraged.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	40	N/A
Non-Contact Hours	110	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3
Description:	An individual formal coursework.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The overall module grade is based on 100% weighting of Component 1 (Coursework). An overall minimum grade D is required to pass the module. Non-submission will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	SU3023 Exchange Programme and SU3022 Industrial Placement

INDICATIVE BIBLIOGRAPHY

- 1 Cook, M., 2007. The Design Quality Manual: Improving Building Performance. Wiley-Blackwell
- 2 Mallory-Hill, S, Preiser, W P E and Watson, C G (2012) Enhancing building performance. London: Wiley Blackwell
- 3 McMullan, R., 2012. Environmental Science in Building. 7th edition. Palgrave Macmillan, Basingstoke.