

MODULE DESCRIPTOR

Module Title

Building Information Modelling: Application in Asset Management				
Reference	ACM021	Version	1	
Created	May 2018	SCQF Level	SCQF 11	
Approved	April 2018	SCQF Points	15	
Amended		ECTS Points	7.5	

Aims of Module

To develop a professional working understanding of building information modelling management (BIMM) and its implications for the built environment across the project delivery and asset management stages.

Learning Outcomes for Module

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

- 1 Define asset management in the context of the built environment.
- 2 Discuss the management skills involved in asset management, the stages of asset management implementation, outsourcing and space utilisation issues.
- 3 Demonstrate a critical understanding of the utilisation of BIMM during the project delivery and asset management stages including relevant legislation.
- 4 Apply BIMM as a vehicle to manage activity during the asset management stage including data management.

Indicative Module Content

Human influences, economic influences, effects on business, organisational structures, FM strategies, benefit analysis, occupancy evaluation, outsourcing, data management, COBie, data security, BIMFM.

Module Delivery

The module is available for delivery by distance-learning via CampusMoodle. Access to staff support will be available through online forums. The delivery of this module will be supported through case studies, group activities and discussion forums.

	Module Ref:	ACM02	1 v1
Indicative Student Workload		Full Time	Part Time
Contact Hours		N/A	70
Non-Contact Hours		N/A	80
Placement/Work-Based Learning Experience [Notional] Hours		N/A	N/A
TOTAL		N/A	150
Actual Placement hours for professional, statutory or regulatory boo	dy		

ASSESSMENT PLAN

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

Component 1

Туре:	Coursework	Weighting:	40%	Outcomes Assessed:	1, 2
Description:	Normally a longitudina presentation (20%).	al assessment involv	ing topic	discussion forums (20%) and a group	
Component	2				
Туре:	Coursework	Weighting:	60%	Outcomes Assessed:	3, 4
Description:	An individual written piece of work.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

In order to pass this module students must achieve 40% or greater in each component.

Module Grade	Minimum Requirements to achieve Module Grade:
Α	70% or greater
В	60% or greater
С	50% or greater
D	40% or greater
E	35% or greater
F	Less than 35%
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	None.

INDICATIVE BIBLIOGRAPHY

- ¹ Journals, to include Design Studies, ITCon, Automation in Construction, professional journals, including those from the RICS, RIBA and CIAT.
- 2 Shiem-Shim, DT., Hee TT. (2013) Facilities Management and the Business of Managing Assets, Routledge, Abingdon, Oxon
- 3 Teicholy, Paul M., (2013) BIM for Facilities Managers, Wiley
- 4 Teicholz, Paul M. BIM for facility managers, editor of compilation.; International Facility Management Association.; IFMA Foundation, 2013.