Liverpool John Moores University

Title:	FINANCIAL MANAGEMENT AND BIM
Status:	Definitive
Code:	**7302BEPG** (120990)
Version Start Date:	01-08-2015
Owning School/Faculty:	Built Environment
Teaching School/Faculty:	Built Environment

Team	Leader
Anupa Manewa	Y

Academic Level:	FHEQ7	**Credit Value:**	20.00	**Total Delivered Hours:**	36.00
Total Learning Hours:	200	**Private Study:**	164		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	11.000
Workshop	22.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	FINANCIAL REPORT	50.0	
Exam	AS2	CLOSED BOOK	50.0	3.00

Aims

The aim of the module is to introduce financial management techniques used in construction in order to manage the lifecycle cost of built environment facilities. The module will also deliver the fundamental concepts that link financial management and BIM, such as the cash flow forecasts, cost plans, cost value reconciliation and whole life cycle management of construction facilities.

Learning Outcomes

After completing the module the student should be able to:

1	Critically review systems theories and techniques to identify how they can be applied to project financial management and assess systems for resource productivity management.
2	Evaluate the approaches adopted by client representatives to design cost management during a project's lifespan.
3	Critically appraise methods of reconciliation of cost, value and programme to provide project accounting information for the contractor.
4	Apply and evaluate the use of BIM and appropriate software packages, cost databases in relation to project financial management.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

REPORT	1	2	3	
EXAM	1	2	3	4

Outline Syllabus

This module develops an understanding of both pre and post contract cost management practices of construction projects. The module will introduce essential financial management techniques used in built environment facilities; i.e cash flow forecasting, cost, value and risk management, cost reporting, and cost value reconciliations. This module is designed to develop necessary understanding of the use of BIM-enabled financial management techniques for built environment facilities. Students will be introduced to various BIM software and develop a comprehensive understanding of those software application in managing finance for real life construction projects.

Learning Activities

Lectures and workshops

Notes

This module develops student's ability to apply financial management techniques to construction projects from both a client and contractor perspective in addition to developing IT skills specific to BIM.