Liverpool John Moores University

Title:	OBJECT ORIENTATED ANALYSIS
Status:	Definitive
Code:	**6050BUSIS** (108248)
Version Start Date:	01-08-2011
Owning School/Faculty:	Liverpool Business School
Teaching School/Faculty:	Liverpool Business School

Team	Leader
Jonathan Read	Y

Academic Level:	FHEQ6	**Credit Value:**	12.00	**Total Delivered Hours:**	26.00
Total Learning Hours:	120	**Private Study:**	94		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	12.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	50.0	2.00
Report	AS2	Report - 3000 words	50.0	

Aims

To apply the principles of object oriented analysis development methodologies to a given situation using Unified Modelling Language (UML).
To give an understanding of the use of UML in business.
Develop students general business modeling skills.

Learning Outcomes

After completing the module the student should be able to:

1 Understand a range of diagramming techniques from the Unified Modelling Language with particular emphasis on Class Diagrams, Sequence Diagrams and Use Case Modelling.
2 Apply diagramming techniques to analysis of a real project.
3 Understand development processes based on object oriented analysis.
4 Understand the philosophy of object oriented approaches to Systems.

Learning Outcomes of Assessments

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

EXAM	1	2		
CW	1	2	3	4

Outline Syllabus

The concept of viewing business problems through objects.
The application of diagramming techniques to the analysis and development of information systems. Introducing:-
Class Diagrams,
Use Cases,
Use Case Diagrams,
Sequence Diagrams.
Developing object oriented approaches to analysis and design of corporate information systems.
Introduction to related themes of Software Oriented Architecture.

Learning Activities

Lecturers, tutorials. Online work submission and formative feedback.

References

Course Material	Book
Author	Maciaszek, L A
Publishing Year	2005
Title	Requirements Analysis and System Design
Subtitle	Developing Information Systems with UML
Edition	
Publisher	Addison-Wesley
ISBN	

Course Material	Book

Author	Fowler, M and Scott, K
Publishing Year	2004
Title	UML Distilled
Subtitle	A Brief Guide to the Standard Object Modelling Language
Edition	
Publisher	Object Technology Series. Reading, MA: Addison Wesley
ISBN	

Course Material	Book
Author	Brown, D W
Publishing Year	2002
Title	An Introduction to Object-Oriented Analysis
Subtitle	Object and UML in Plain English
Edition	
Publisher	John Wiley
ISBN	

Notes

Module notes to be found on Blackboard