

Liverpool John Moores University

Title: THE DESIGN OF ENTERPRISE IS
Status: Definitive
Code: **6029BUSIS** (101775)
Version Start Date: 01-08-2012

Owning School/Faculty: Liverpool Business School
Teaching School/Faculty: Liverpool Business School

Team	Leader
Jonathan Read	Y
Philip Kelly	

Academic Level: FHEQ6 **Credit Value:** 24.00 **Total Delivered Hours:** 46.00
Total Learning Hours: 240 **Private Study:** 194

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	22.000
Tutorial	22.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Examination	10.0	
Report	AS2	CW2 individual Reports - 3000 words	40.0	
Exam	AS3	CW 1 Portfolio from workshops and application of assesment scheme to other portfolios.	50.0	2.00

Aims

- 1. To provide an understanding of and the ability to evaluate approaches to developing corporate information systems.*
- 2. To develop understanding of the difference between SME and Enterprise level*

information systems.

3. To apply the principles of object oriented development methodologies to a given situation.

Learning Outcomes

After completing the module the student should be able to:

- 1 Adapt the different types of management support systems, MIS, DSS, EIS to develop sensible corporate information systems architecture.
- 2 Understand a range of diagramming techniques from the Unified Modelling Language with particular emphasis on Class Diagrams, Sequence Diagrams and Use Case Modelling.
- 3 Apply diagramming techniques to a real project.
- 4 Understand the philosophy of object oriented approaches to Systems
- 5 Select appropriate strategies for the development of corporate level information systems. In particular examining ERP systems and alternatives.
- 6 Apply the tools and technique to a real-life or case study scenario.

Learning Outcomes of Assessments

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

Portfolio	1	5	6
Report	2	3	4
Exam	2	3	4

Outline Syllabus

Characteristics of Corporate level information systems and their relationship to MIS, DSS and EIS.

From Functional Systems to Enterprise Systems.

The Case for Enterprise Resource Planning (ERP) Systems.

The effects of Corporate Information systems on organisational structure and culture.

The application of diagramming techniques to the analysis and development of information systems.

Developing object oriented approaches to analysis and design of corporate information systems.

Comparison of information system requirements of small businesses and large enterprises.

Learning Activities

Lecturers, tutorials, workshops, seminars, presentations by practitioners.

References

Course Material	Book
Author	Fowler, M. & Scott, K.
Publishing Year	2003
Title	UML Distilled: A Brief Guide to the Standard Object Modelling Language
Subtitle	Object Technology Series
Edition	
Publisher	Addison Wesley
ISBN	0-321-19368-7

Course Material	Book
Author	Sandoe, K., Corbitt, G. & Boykin, R.
Publishing Year	2001
Title	Enterprise Integration;
Subtitle	
Edition	
Publisher	John Wiley and Sons
ISBN	0-471-35993-9

Course Material	Book
Author	Maciaszek, L
Publishing Year	2007
Title	Requirements Analysis and Systems Design
Subtitle	
Edition	
Publisher	Addison Wesley
ISBN	0321440366

Notes

Students should develop an understanding for large scale systems in corporations. They will also develop some capability in industry standard analysis tools and techniques in the form of Object Oriented analysis.