Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should <u>not</u> be used to purchase course materials.

COURSE SYLLABUS

BMIS 510
ENTERPRISE MODELS

COURSE DESCRIPTION

This course provides a process-oriented view of the organization and its relationships with suppliers, customers, and competitors. Topics include using processes as vehicles for achieving strategic objectives and transforming an organization; process analysis, design, implementation, control, and monitoring; processes as a means of achieving compliance. The role of enterprise resource planning (ERP), supply chain management (SCM), and customer relationship management (CRM) systems will also be explored.

RATIONALE

Visualization is the sharpest tool in the Information Systems manager's toolkit. Key to success is the ability to express very complex processes in diverse ways. This course is designed to focus thinking on enterprise perspectives and modeling the enterprise to aid in design, development, and understanding.

I.   PREREQUISITE

For information regarding prerequisites for this course, please refer to the Academic Course Catalog.

II.   REQUIRED RESOURCE PURCHASE

Click on the following link to view the required resource(s) for the term in which you are registered: http://bookstore.mbsdirect.net/liberty.htm

III.   ADDITIONAL MATERIALS FOR LEARNING

A.   Computer

B.   Internet access (broadband recommended)

C.   Microsoft Word
(Microsoft Office is available at a special discount to Liberty University students.)

D.   Microsoft Visio, draw.io, staruml.io, plantuml.com, lucidchart.com, or other UML diagramming tool

IV.   MEASURABLE LEARNING OUTCOMES

Upon successful completion of this course, the student will be able to:

A.   Discuss the relevance of the course material and the use of technology to a biblical worldview.

B.   Demonstrate an understanding of the role of business processes in a competitive environment.

C.   Recognize, model, and improve business processes to achieve efficiency and compliance objectives.

D.   Recognize the impact of automation on work practices, unstructured collaborative processes, and knowledge management processes.

V.   **COURSE REQUIREMENTS AND ASSIGNMENTS**

A.   Textbook readings and lecture presentations

B.   Course Requirements Checklist

After reading the Syllabus and Student Expectations, the student will complete the related checklist found in Module/Week 1.

C.   Discussion Board Forums (3)

The student is required to post a UML diagram that fulfills the requirements in the prompt for each forum. The student will also include a thread that addresses the question(s) provided in the prompt for each forum. In addition to the diagram, each thread must be a minimum of 500 words. The student must support his/her discussion in the thread using a minimum of 2 scholarly citations. The student must also reply to at least 2 other students' threads with a critique of their posted diagram. Replies must be a minimum of 200 words each.

D.   Modeling Exercises (4)

Using the instructions and scenario provided, the student will complete UML diagrams that have been studied throughout the course.

E.   Biblical Integration Essay

The student will write a 1,500-word essay applying a biblical worldview of enterprise modeling. The student will select an ethical issue related to the use of enterprise systems, and discuss what aspects of the issue we should affirm, redeem, or reject, based on a biblical worldview. The student must use at least 5 biblical references to support the essay.

F.   Term Project

The student will apply enterprise modeling to a real world scenario. Then, the student will write an individual term paper outlining the solution. The paper must be at least 12-15 pages and follow current APA format. Title page, drawings, tables, and figures are not included in the page count, and must be provided as separate appendices at the end of the paper. The term project will be submitted in three successive deliverables: 1. Topic Proposal, 2. Gap Analysis, and 3. Final Submission.

G.   Quizzes (8)

The student will complete weekly quizzes in this course. All quizzes are open-book/open-notes. The student will have 25 minutes to complete each quiz. All

quizzes will consist of 25 true/false and multiple-choice questions based on the reading in the Motiwalla & Thompson text that is assigned for that week.

VI. **COURSE GRADING AND POLICIES**

A. Points

Course Requirements Checklist	10
Discussion Board Forums (3 at 50 pts ea)	150
Modeling Exercises (4 at 75 pts ea)	300
Biblical Integration Essay	100
Term Project	
Topic Proposal	50
Gap Analysis	100
Final Submission	100
Quizzes (8 at 25 pts ea)	200
Total	**1010**

B. Scale

A = 940–1010   A- = 920–939   B+ = 900–919   B = 860–899   B- = 840–859

C+ = 820–839   C = 780–819   C- = 760–779   F = 0–759

C. Disability Assistance

Students with a documented disability may contact Liberty University Online's Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

COURSE SCHEDULE

BMIS 510

ENTERPRISE MODELS

Textbooks: Motiwalla, & Thompson, J. *Enterprise Systems for Management* (2011).
Fowler, M., *UML Distilled: A Brief Guide to the Standard Object Modeling Language, 3rd ed.* (2004).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Motiwalla & Thompson: ch. 1 & 9 Fowler: ch. 1 & 11 4 presentations	Course Requirements Checklist Graduate Level Business Program Assessment Class Introductions DB Forum 1 Quiz 1	10 0 0 50 25
2	Motiwalla & Thompson: ch. 11 1 presentation	Modeling Exercise 1 Quiz 2	75 25
3	Motiwalla & Thompson: ch. 12 2 presentations	Term Project: Topic Proposal Quiz 3	50 25
4	Motiwalla & Thompson: ch. 2 1 presentation	Biblical Integration Essay Modeling Exercise 2 Quiz 4	100 75 25
5	Motiwalla & Thompson: ch. 3 Fowler: ch. 9 2 presentations	Term Project: Gap Analysis DB Forum 2 Quiz 5	100 50 25
6	Motiwalla & Thompson: ch. 4 1 presentation	Modeling Exercise 3 Quiz 6	75 25
7	Motiwalla & Thompson: ch. 5 Fowler: ch. 3 2 presentations	Term Project: Final Submission DB Forum 3 Quiz 7	100 50 25
8	Motiwalla & Thompson: chs. 6–7 2 presentations	Modeling Exercise 4 Quiz 8	75 25
		TOTAL	**1010**

DB = Discussion Board

NOTE: Module/Week one begins on Monday and ends at 11:59 p.m. (ET) on Friday.
Modules/Weeks 2-8 begin on Saturday and end at 11:59 p.m. (ET) on Friday.