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 **not** be used to purchase course materials.
COURSE SYLLABUS

BMIS 690
INTEGRATED CAPSTONE

COURSE DESCRIPTION
This capstone course focuses on the design and management of an overall organizational system consisting of three interacting subsystems: (1) the enterprise itself - its structure, core processes and relationships with external entities such as customers, suppliers and outsourcers; (2) the IS function and its role in marshaling information technologies and information assets to support the strategy of the organization, and (3) the information technology architecture consisting of the organization's networks, hardware, data and applications. The student will learn how to integrate and synthesize these three aspects of the enterprise, how IT must be aligned with the strategy of the organization and how to make appropriate choices about architecture in relationships to overall organizational goals.

RATIONALE
BMIS 690 is the integrated capstone for the Masters in Information Systems degree at Liberty University. Its objective is to synthesize the entire core of the management of information systems program and apply this by using a final, integrated Capstone Project.

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. RECOMMENDED RESOURCE
Microsoft Visio 2013 60-Day Trial CD-ROM (comes with the textbook).

IV. ADDITIONAL MATERIALS FOR LEARNING
A. Computer with basic audio/video output equipment
B. Internet access (broadband recommended)
C. Microsoft Office

V. MEASURABLE LEARNING OUTCOMES
Upon successful completion of this course, the student will be able to:
A. Integrate biblical principles within an information systems solution.
B. Analyze relevant management of information system challenges within diverse business environments.

C. Evaluate synthesized information from various complex information system contexts.

D. Develop an appropriate information systems solution.

VI. 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 (5)

The student is required to create a thread in response to the provided prompt for each forum. Each thread must be at least 250 words (except Discussion Board Forums 3 and 5) and must demonstrate course-related knowledge. In addition to the thread, the student is required to reply to 3 other classmates’ threads. Each reply must be at least 100 words.

D. Capstone Project

The final Capstone Project will take place in 3 separate phases. Each phase must follow current APA formatting.

1. Phase I

   The student will submit an information systems project proposal. The proposal will include a feasibility study in order to analyze and design a complete information system for an actual business. A literature review will accompany the information system feasibility study along with authoritative, peer-reviewed sources that support the information system’s development. The 3 phases of the Capstone Project will be detailed in a complete project plan and will be submitted in Phase I as part of the project proposal.

2. Phase II

   For the second phase of the project, the student will analyze the proposed information system. The analysis will include appropriate modeling diagrams. The types of design diagrams chosen must be justified by authoritative research and must appropriately parallel the type of information system being developed. The final analysis—based on the type of information system being proposed—must meet suitable industry best practices and standards.

3. Phase III
For the third phase of the project, the student will design the proposed information system. The final system design will include appropriate information system modeling diagrams. The types of design diagrams chosen must be justified by authoritative research and must be appropriately parallel to the analysis in the second project phase. The final design—based on the final information system selection(s)—must meet suitable industry best practices and standards.

VII. COURSE GRADING AND POLICIES

A. Points

Course Requirements Checklist 10
Discussion Board Forums (5 at 20 pts ea) 100
Capstone Project
   Phase I 300
   Phase II 300
   Phase III 300

Total 1010

B. Scale

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

C. Late Assignment Policy

If the student is unable to complete an assignment on time, then he or she must contact the instructor immediately by email.

Assignments that are submitted after the due date without prior approval from the instructor will receive the following deductions:

1. Late assignments submitted within one week of the due date will receive a 10% deduction.
2. Assignments submitted more than one week late will receive a 20% deduction.
3. Assignments submitted two weeks late or after the final date of the class will not be accepted.
4. Late Discussion Board threads or replies will not be accepted.

Special circumstances (e.g. death in the family, personal health issues) will be reviewed by the instructor on a case-by-case basis.

D. Quizzes/Tests/Exams

For timed quizzes/tests/exams, the student is required to complete the quiz/test/exam within the assigned time. For the student who exceeds this time limit, a penalty of 1 point will be deducted for each minute, or part thereof, he/she exceeds the assigned time limit.

E. 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.

VIII. Bibliography


## COURSE SCHEDULE

**BMIS 690**


<table>
<thead>
<tr>
<th>MODULE/WEEK</th>
<th>READING &amp; STUDY</th>
<th>ASSIGNMENTS</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Clark: chs. 2, 6 Articles within “How to Write a Master’s Thesis” in Reading &amp; Study Bible Readings</td>
<td>Course Requirements Checklist Graduate Level Business Program Assessment Class Introductions DB Forum 1</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Clark: chs. 3–6</td>
<td>DB Forum 2</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>Satzinger et al.: chs. 1–2, 10–11 4 presentations</td>
<td>Capstone Project: Phase I</td>
<td>300</td>
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<tr>
<td>4</td>
<td>Satzinger et al.: chs. 3–5 3 presentations</td>
<td>DB Forum 3</td>
<td>20</td>
</tr>
<tr>
<td>5</td>
<td>Satzinger et al.: chs. 6–9 5 presentations</td>
<td>Capstone Project: Phase II</td>
<td>300</td>
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<tr>
<td>6</td>
<td>Satzinger et al.: chs. 12–13 Bible Readings 3 presentations</td>
<td>DB Forum 4</td>
<td>20</td>
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<td>7</td>
<td>Satzinger et al.: ch. 14 Bible Readings 2 presentations</td>
<td>DB Forum 5</td>
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<tr>
<td>8</td>
<td>Clark: Review chs. 2–6 1 presentation</td>
<td>Capstone Project: Phase III</td>
<td>300</td>
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</tbody>
</table>

**TOTAL** 1010

DB = Discussion Board

**NOTE:** Each course week begins on Monday morning at 12:00 a.m. (ET) and ends on Sunday night at 11:59 p.m. (ET). The final week ends at 11:59 p.m. (ET) on Friday.