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
CSIS 465
ENTERPRISE SYSTEMS AND INTEGRATION

COURSE DESCRIPTION
Information technology capstone course converses by focusing on a sequence of projects that designs and builds systems and integrates them into a global business; emphasizes IT project management, enterprise architecture, business requirement analysis, system modeling, acquisition, testing, deployment, and quality assurance.

RATIONALE
The purpose of this course is to allow the student to build on knowledge gained in prior core courses of the Bachelor of Science in Information Technology program. The student will learn: project management; modeling; and how to design, build, test for quality assurance, and deploy an integrated system for a Christian-based global enterprise. The course will prepare the student to be an IT professional who is equipped to help any organization integrate disparate computer platforms and networks in order for the organization to achieve its global strategy.

I. PREREQUISITES
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 with basic audio/video output equipment
B. Internet access (broadband recommended)
C. Microsoft Office

IV. MEASURABLE LEARNING OUTCOMES
Upon successful completion of this course, the student will be able to:
A. Integrate a biblical worldview within information technology.
B. Apply the primary practices of IT project management.
C. Illustrate modeling techniques that meet functional business requirements.
D. Evaluate appropriate enterprise architecture, integration, and deployment processes to solve complex organizational technology needs.
E. Construct an enterprise system prototype that solves an organizational system architecture problem.

V. COURSE REQUIREMENTS AND ASSIGNMENTS

A. Textbook readings and lecture presentations

B. Course Requirements Checklist

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

C. Discussion Board Forums (2)

Discussion boards are collaborative learning experiences. Therefore, the student is required to create a thread in response to the provided prompt for each forum. Each thread must be at least 300 words, demonstrate course-related knowledge, and reference at least one source. In addition to the thread, the student is required to reply to 3 other classmates’ threads. Each reply must be at least 250 words.

D. Group Discussion Board Forums (2)

The student will be placed into groups to discuss and create multiple diagrams in conjunction with his/her Capstone Project. The student will create his/her thread based on a provided topic. The student will also reply to at least 3 group members’ threads. Each reply must be at least 250 words.

E. Capstone Project

1. Phase I

The student will determine the needs of a chosen system in order to develop a basis for his/her Capstone Project and develop his/her project management skills. The student will perform various functions and diagrams to complete this phase.

2. Phase II, Parts I and II

The student will examine and develop various charts and diagrams in order to formulate how the chosen systems will be integrated. The student will perform various activities that describe the different processes within the organization.

3. Phase III

The student will design and assess his/her system for the chosen organization. The student will perform various activities in order to provide a complete design architecture for his/her chosen organization.

VI. COURSE GRADING AND POLICIES

A. Points

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Requirements Checklist</td>
<td>10</td>
</tr>
<tr>
<td>Discussion Board Forums (2 at 70 pts ea)</td>
<td>140</td>
</tr>
<tr>
<td>Group Discussion Board Forums (2 at 80 pts ea)</td>
<td>160</td>
</tr>
</tbody>
</table>
Capstone Project

<table>
<thead>
<tr>
<th>Phase</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase I</td>
<td>150</td>
</tr>
<tr>
<td>Phase II, Part I</td>
<td>150</td>
</tr>
<tr>
<td>Phase II, Part II</td>
<td>200</td>
</tr>
<tr>
<td>Phase III</td>
<td>200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1010</strong></td>
</tr>
</tbody>
</table>

B. Scale

A = 900–1010   B = 800–899   C = 700–799   D = 600–699   F = 0–599

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 course 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. Disability Assistance

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

**CSIS 465**


<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>Satzinger et al.: chs. 1, 9</td>
<td>Course Requirements Checklist&lt;br&gt;Class Introductions&lt;br&gt;DB Forum 1</td>
<td>10&lt;br&gt;0&lt;br&gt;70</td>
</tr>
<tr>
<td>2</td>
<td>Satzinger et al.: ch. 2</td>
<td>Capstone Project – Phase I</td>
<td>150</td>
</tr>
<tr>
<td>3</td>
<td>Satzinger et al.: ch. 3</td>
<td>DB Forum 2</td>
<td>70</td>
</tr>
<tr>
<td>4</td>
<td>Satzinger et al.: ch. 4</td>
<td>Capstone Project – Phase II, Part I</td>
<td>150</td>
</tr>
<tr>
<td>5</td>
<td>Satzinger et al.: ch. 5</td>
<td>Group DB Forum 1</td>
<td>80</td>
</tr>
<tr>
<td>6</td>
<td>Satzinger et al.: ch. 5</td>
<td>Capstone Project – Phase II, Part II</td>
<td>200</td>
</tr>
<tr>
<td>7</td>
<td>Satzinger et al.: ch. 6</td>
<td>Group DB Forum 2</td>
<td>80</td>
</tr>
<tr>
<td>8</td>
<td>Satzinger et al.: ch. 7</td>
<td>Capstone Project – Phase III</td>
<td>200</td>
</tr>
</tbody>
</table>

**TOTAL 1010**

DB = Discussion Board

**NOTE:** Each course module/week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.