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 601
DECISION MAKING AND EXECUTIVE INFORMATION SYSTEMS

COURSE DESCRIPTION
This course will provide students with an understanding of computer-based information systems and their role in modern global organizations and society as a whole. Topics will explore the capabilities and limitations of information systems based on their design and configurations. Databases will be a focus of this course, considering the central role they play in the information systems strategies of most organizations.

RATIONALE
This course provides an in-depth study of the application of decision support systems (DSS) and their underlying foundations in decision theory. It prepares professionals for the design, development, and application of systems that support business intelligence and other types of decisions.

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.)
IV. Measurable Learning Outcomes

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

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

B. Apply appropriate decision theories and models in order to solve complex business problems.

C. Construct database designs that support decision support systems.

D. Design information systems, specifically DSS (decision support systems) and EIS (executive information systems), by combining the elements of decision theory, HCI design principles, and current technologies.

V. Course Requirements and Assignments

A. Textbook Readings

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 (4)

There will be 4 Discussion Board Forums throughout the course. The purpose of Discussion Board Forums is to generate interaction among classmates in regards to relevant current course topics and to provide the student with a platform to present his/her research to an audience of his/her peers. The student is required to post 1 thread with a minimum of 1,000 words. The format of the thread must not be informal; rather, the format must be that of a research paper. Depth of analysis and comprehensiveness of your literature review are important factors. The student is also required to reply to 2 classmates’ threads with a minimum of 500 words. For each Discussion Board Forum, the student must support his/her assertions in the thread with at least 5 citations in APA format. Each reply must cite at least 3 sources. Acceptable sources include the textbook, the Bible, additional required readings, and other peer-reviewed journal articles.

D. Course Project

The Course Project will entail 4 deliverables. The student will design a decision support system for a real-world user and present the system to the user in 4 phases.

Phase I

The student will interview a user and write a minimum of 500 words about the interview.

Phase II

The student will design a database for the decision support system.

Phase III
The student will design the front end GUI, create a prototype of the system, and create a user manual.

Phase IV

The student will produce a functional support system for the user and write a reflection of the user’s overall impression of the system as well as suggestions for changes.

E. Quizzes (4)

The student will take 4 quizzes in this course. Each quiz will cover the materials presented in the textbook as well as the assigned articles. Each quiz will be open-book/open-notes, contain 25 multiple-choice and true/false questions, and have a 35-minute time limit. Only 1 attempt will be allowed for each quiz.

VI. COURSE GRADING AND POLICIES

A. Points

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Course Requirements Checklist</td>
<td>10</td>
</tr>
<tr>
<td>Discussion Board Forums (4 at 100 pts ea)</td>
<td>400</td>
</tr>
<tr>
<td>Course Project</td>
<td></td>
</tr>
<tr>
<td>Phase I</td>
<td>50</td>
</tr>
<tr>
<td>Phase II</td>
<td>100</td>
</tr>
<tr>
<td>Phase III</td>
<td>100</td>
</tr>
<tr>
<td>Phase IV</td>
<td>150</td>
</tr>
<tr>
<td>Quizzes (4 at 50 pts ea)</td>
<td>200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1010</td>
</tr>
</tbody>
</table>

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. 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. 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 601**


<table>
<thead>
<tr>
<th>Module/Week</th>
<th>Reading &amp; Study</th>
<th>Assignments</th>
<th>Points</th>
</tr>
</thead>
</table>
| 1           | Sauter: ch. 1  
1 presentation  
4 websites    | Course Requirements Checklist  
Class Introductions  
Course Project: Phase I | 10  
0  
50 |
| 2           | Sauter: ch. 2  
3 websites    | DB Forum 1  
Quiz 1       | 100  
50 |
| 3           | Sauter: ch. 3  
1 presentation  
3 websites    | Course Project: Phase II | 100 |
| 4           | Sauter: ch. 4  
3 websites    | DB Forum 2  
Quiz 2       | 100  
50 |
| 5           | Sauter: chs. 4S, 5  
1 presentation  
3 websites    | Course Project: Phase III | 100 |
| 6           | Sauter: chs. 6–7  
3 websites    | DB Forum 3  
Quiz 3       | 100  
50 |
| 7           | Sauter: chs. 8–9  
1 presentation  
4 websites    | Course Project: Phase IV | 150 |
| 8           | Sauter: ch. 10–11  
4 websites    | DB Forum 4  
Quiz 4       | 100  
50 |

**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.