

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 483

INFORMATION SYSTEMS CAPSTONE

COURSE DESCRIPTION

A hands-on experience that requires students to apply the skills and knowledge gained throughout the Information Systems program. A team solution of a real-world project is required.

RATIONALE

CSIS 483 is the integrated capstone for the Bachelors 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 completing a real-world final integrated Capstone Project.

I. PREREQUISITES

For information regarding prerequisites for this course, please refer to the [Academic Course Catalog](#).

II. REQUIRED RESOURCE

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. Blackboard [recommended browsers](#)
- D. 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 systems. (PLO-1)
- B. Analyze an information system solution to a business problem based upon unified modeling language standards. (PLO-3)
- C. Design an information system solution to a business problem in accordance with unified modeling language standards. (PLO-3)
- D. Build an information system solution that conforms to industry best practices. (PLO-2)

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 provide a thread in response to the provided prompt for each forum. Each thread must be at least 400 words and demonstrate course-related knowledge. In addition to the thread, the student is required to reply to the threads of at least 2 classmates. Each reply must be at least 150 words. Each thread and reply must include at least 1 citation and 1 biblical integration, and current APA format must be used.

D. Peer Review Discussion Board Forums (3)

These peer review discussion boards allow the student the opportunity to showcase their design and build ahead of each of the three capstone project phase submissions and receive peer feedback from the rest of the class. The student will present their different Capstone phases in these peer review discussion boards in draft form for feedback prior to formal submission of each phase.

E. Capstone Project Phases (3)

The student will complete a detailed Capstone Project consisting of 3 phases. The purpose of this Capstone Project is to create and deploy an information technology system for a chosen company, solving a problem using the courses taken within the IS degree.

F. Quizzes (5)

Each quiz will cover the Reading & Study material for the module/week in which it is assigned. Each quiz will be open-book/open-notes, contain 25 true/false and multiple-choice questions, and have a 25-minute time limit.

VI. COURSE GRADING AND POLICIES

A. Points

Course Requirements Checklist	10
Discussion Board Forums (2 at 70 pts ea)	140
Peer Review Discussion Board Forums (3 at 70 pts ea)	210
Capstone Project	
Phase 1	175
Phase 2	175
Phase 3	175
Quizzes (5 at 25 pts ea)	125

Total 1010

B. Scale

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

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

CSIS 483

Textbook: Satzinger et al., *Systems Analysis and Design in a Changing World* (2016).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Satzinger et al.: chs. 1, 10, 11 1 presentation	Course Requirements Checklist Class Introductions DB Forum 1	10 0 70
2	Satzinger et al.: chs. 2–3 2 presentations	Peer Review DB Forum 1 Quiz 1	70 25
3	Satzinger et al.: ch. 4 1 presentation	Capstone Project - Phase 1	175
4	Satzinger et al.: ch. 5 1 presentation	Peer Review DB Forum 2 Quiz 2	70 25
5	Satzinger et al.: chs. 6-7 2 presentations	Capstone Project - Phase 2 Quiz 3	175 25
6	Satzinger et al.: ch. 8 1 study game	DB Forum 2 Quiz 4	70 25
7	Satzinger et al.: ch. 9 1 study game	Peer Review DB Forum 3 Quiz 5	70 25
8	Satzinger et al.: chs. 12-14 3 study games	Capstone Project - Phase 3	175
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**.