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.

LIBERTY UNIVERSITY.

COURSE SYLLABUS

CSIS 410
WEB ENTERPRISE TECHNOLOGIES

COURSE DESCRIPTION

Provides students with thorough knowledge of current technologies and best practices for developing database driven dynamic websites including database and client side programming. (Formerly BMIS 410)

RATIONALE

This course applies the knowledge and skills gained in the prerequisite courses in real-world assignments and projects designed to reinforce and expand the knowledge and skills of the student through more advanced web based technologies.

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 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.   Apply and evaluate dynamic web technologies.

B.   Design and implement a business web solution.

C.   Compare and contrast how organizations use online business processes and practices.

D.   Integrate a Christian worldview and global perspective into IT management and e-business.

V. COURSE REQUIREMENTS AND ASSIGNMENTS

A.   Textbook readings and lecture presentations/notes

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)

Throughout the course, the student will respond to prompts in the Discussion Board Forums. The student must completely respond to the prompts and post a thread that has a minimum of 3 paragraphs and 250 words by 11:59 p.m. (ET) on Thursday of the assigned module/week. The student must also submit replies to at least 2 classmates' threads that are at least 150 words each by 11:59 p.m. (ET) on Monday of the module/week assigned. The student must use supported posts from scholarly sources, complete paragraphs, proper APA formatting, and correct citation of information that is not his/her own.

D.   Web Development Assignments (6)

The student will work on 6 assignments related to web development. Each assignment should be made available using the domain name that the student purchased for this course and accessible on the Internet via the purchased hosting provider. Assignments should have a visible timestamp of submission and the last edit timestamp on the website footer. These assignments are due by 11:59 p.m. (ET) on Monday of the assigned module/week.

E.   Content Management System (CMS) Project

The project in this course involves the design, development, and implementation of a content management system (CMS). The CMS will be developed to meet the business requirements of a "proposed" company. Part 1 will develop the company's website. Part 2 will implement the CMS that manages the website content. Parts 1 and 2 will be due by 11:59 p.m. (ET) on the final day of the module/week in which they are assigned.

F.   Final Exam

The Final Exam is open-book/open-notes and is comprehensive. The student should apply the learned knowledge from the course to correctly answer 50-multiple-choice questions. The Final Exam measures knowledge learned from the assigned textbook readings in Modules/Weeks 1–7. The Final Exam is due by 11:59 p.m. (ET) on Monday of Module/Week 7.

VI.   COURSE GRADING AND POLICIES

A.   Points

Course Requirements Checklist		10
Discussion Board Forums (4 at 25 pts ea)		100
Web Development Assignments (6 at 50 pts ea)		300
Content Management System (CMS) Project		
Part 1		200
Part 2		200
Final Exam	(Modules 1–7)	200
	Total	1010

B.   Scale

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

C.   Style Guidelines

All assignments for this course are to be formatted in accordance with the latest edition of the APA manual.

D.   Extra Credit

No additional "for credit" assignments will be permitted beyond those given in the course requirements stated above.

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 .

COURSE SCHEDULE

CSIS 410

Textbook: Ullman, *PHP for the Web: Visual Quickstart Guide* (2016).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Ullman: chs. 1–2 1 presentation	Course Requirements Checklist Class Introductions Web Development Assignment 1 Web Development Assignment 2	10 0 50 50
2	Ullman: chs. 3–5 1 presentation	DB Forum 1 Web Development Assignment 3	25 50
3	Ullman: chs. 6–7 1 presentation	DB Forum 2 Web Development Assignment 4	25 50
4	Ullman: chs. 8–9 1 presentation	CMS Project: Part 1	200
5	Ullman: chs. 10–11 1 presentation	DB Forum 3 Web Development Assignment 5	25 50
6	Ullman: chs. 12–13 1 presentation	DB Forum 4 Web Development Assignment 6	25 50
7	Ullman: chs. 1–13 Review 1 presentation	Final Exam	200
8	1 presentation	CMS Project: Part 2	200
		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.