

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 316

SERVER-SIDE PROGRAMMING

COURSE DESCRIPTION

This course provides an introduction to the various languages and tools used in server-side programming. The fundamentals of server-side programming will be emphasized. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate. (Formerly CSCI 316)

RATIONALE

The purpose of this course is to prepare students with the necessary server-side programming skills needed for use in the internet industry.

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

American Psychological Association. *Publication manual of the American Psychological Association* (Current ed.). Washington, DC: Author.

IV. ADDITIONAL MATERIALS FOR LEARNING

- A. Computer with basic audio/video output equipment
- B. Internet access (broadband recommended)
- C. Blackboard [recommended browsers](#)
- D. Microsoft Office

V. MEASURABLE LEARNING OUTCOMES

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

- A. Create accurate server-side programming code for a documented problem.
- B. Construct a continuing professional development report.
- C. Create a functioning server-side programming project.
- D. Apply a biblical worldview to server-side programming.

VI. 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 (4)

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 100 words and demonstrate course-related knowledge. In addition to the thread, the student is required to reply to 2 other classmates' threads. Each reply must be at least 50 words.

D. PHP Includes Template

The student will create a server-side scripting language template using includes.

E. Projects (3)

The student will complete 3 projects related to server-side scripting. Each project will build upon the former one. Specifically, the student will create a message board using the PHP he/she created, as well as a user registration system, and an E-Commerce site.

VII. COURSE GRADING AND POLICIES

A. Points

Course Requirements Checklist	10
Discussion Board Forums (4 at 50 pts ea)	200
PHP Includes Template	200
Projects (3 at 200 pts ea)	600
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 Accommodation 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 316

Textbook: Yank, *PHP and MySQL: Novice to Ninja* 2012.

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Yank: chs. 1–2 1 presentation	Course Requirements Checklist Class Introductions DB Forum 1	10 0 50
2	Yank: chs. 3–4 1 presentation	PHP Includes Template	200
3	Yank: chs. 5–6 1 presentation	Project 1	200
4	Yank: chs. 7–8 1 presentation	DB Forum 2	50
5	Yank: chs. 9–10 1 presentation	Project 2	200
6	Yank: chs. 11–12 1 presentation	DB Forum 3	50
7	Yank: chs. 11–12 1 presentation	Project 3	200
8	Yank: chs. 11–12	DB Forum 4	50
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**.