



FLORIDA STATE UNIVERSITY
COLLEGE OF COMMUNICATION & INFORMATION
School of Information

LIS-5364 -WEB DEVELOPMENT AND ADMINISTRATION

SECTION(S)

TERM 20XX, COURSE MEETING DAY/TIME, COURSE MEETING LOCATION

MODE OF INSTRUCTION:

Instructor:

Email:

Office:

Phone:

Course Location/Website:

Office Hours (in office, online or via phone):

Teaching Assistant:

Email:

COURSE PREREQUISITES

All students taking LIS5364 are required to have previously taken and passed LIS5362 unless prior instructor approval is given.

COURSE DESCRIPTION

This course provides an intermediate introduction to Web administration and development. Students will learn web administration, including but not limited to Linux and cloud server skills as well as introductory server side and client side programming, including but not limited to PHP, MySQL, and Javascript.

COURSE OBJECTIVES

By the end of the course, students will be able to

1. Demonstrate a basic understanding of computer concepts, including hardware and software
2. Implement techniques related to the planning, production, and management of websites, including information organization and design, and modern development tools.
3. Design, implement, test, and debug a server-side web program to solve a given problem.
4. Demonstrate a mastery of web programming strategies, including shell scripting, server-side programming, and client-side programming

COURSE MATERIALS

Required readings are provided through the course website.

COURSE ASSIGNMENTS AND EVALUATION

Your grade will consist of the following 2 types of graded items: Assignments and Tests. Assignments will comprise smaller comprehension exercises designed to assess your knowledge of the material, as well as "hands-on" type deliverables, in which you will turn in code that you write yourself. Tests will be larger comprehension exercises to be completed in a relatively short period of time; that is, within a class period.

GRADE CALCULATION

Assignments: $4 \times 10\% = 40\%$

Tests: $2 \times 15\% = 30\%$

Final Project $1 \times 30 = 30\%$

GRADING SCALE

A	93-100	C	73-76
A-	90-92	C-	70-72
B+	87-89	D+	67-69
B	83-86	D	63-66
B-	80-82	D-	60-62
C+	77-79	F	0-59

COURSE SCHEDULE

1. HTML and CSS Review
2. Javascript Review
3. Linux Server Development and Administration
4. Virtualization and Containerization
5. Basic Shell Scripting for Web Servers
6. Advanced HTML and CSS
7. Basic Programming Concepts
8. PHP
9. MySQL
10. Javascript

COPYRIGHT STATEMENT:

Some of the materials in this course are possibly copyrighted. They are intended for use only by students registered and enrolled in this course and only for instructional activities associated with, and for the duration of, the course. They may not be retained in another medium or disseminated further. They are provided in compliance with the provisions of the *Technology, Education, And Copyright Harmonization* (TEACH) Act (refer to the 3/7/2001 TEACH Act at www.copyright.gov/legislation/archive/).

SEXUAL HARRASSMENT POLICY:

It is the policy of the University that its employees and students neither commit nor condone sexual harassment in any form. http://registrar.fsu.edu/bulletin/grad/info/university_notices.htm

SCHOOL OF INFORMATION HARDWARE AND SOFTWARE REQUIREMENTS:

A list of all hardware and software requirements for students participating in the School of Information courses can be found at the following location: <http://ischool.cci.fsu.edu/academics/online/requirements/>

STUDENT ELIGIBILITY FOR AN INCOMPLETE GRADE:

Incomplete ("I") grades will not be assigned, except in the case of exceptional unforeseen circumstances that occur within the last three weeks of the semester and your work has otherwise been satisfactory (C average).

University Attendance Policy:

Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

Academic Honor Policy:

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>.)

Americans With Disabilities Act:

Students with disabilities needing academic accommodation should:

- (1) register with and provide documentation to the Student Disability Resource Center; and
- (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center
874 Traditions Way
108 Student Services Building
Florida State University
Tallahassee, FL 32306-4167

(850) 644-9566 (voice)
(850) 644-8504 (TDD)
sdrc@admin.fsu.edu
<http://www.disabilitycenter.fsu.edu/>

Free Tutoring from FSU

On-campus tutoring and writing assistance is available for many courses at Florida State University. For more information, visit the Academic Center for Excellence (ACE) Tutoring Services' comprehensive list of on-campus tutoring options - see <http://ace.fsu.edu/tutoring> or contact tutor@fsu.edu. High-quality tutoring is available by appointment and on a walk-in basis. These services are offered by tutors trained to encourage the highest level of individual academic success while upholding personal academic integrity.

Syllabus Change Policy

"Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice."