



FLORIDA STATE UNIVERSITY
COLLEGE OF COMMUNICATION & INFORMATION
School of Information

LIS5367 ADVANCED WEB APPLICATIONS

SECTION(S)

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

MODE OF INSTRUCTION:

COURSE PREREQUISITES

All students taking LIS5367 are required to have previously taken and passed LIS5362 and LIS5364 unless prior instructor approval is given.

COURSE DESCRIPTION

The purpose of the course is to guide students through planning, coding and testing a complete web application.

COURSE OBJECTIVES

At the end of the course, the student will be able to:

1. Develop a mastery of server-side and client side web programming
2. Understand distributed code management and versioning
3. Experiment with software project management methodologies such as Scrum and Agile
4. Build a complete web application

COURSE MATERIALS

Required readings are provided through the course website.

COURSE ASSIGNMENTS AND EVALUATION

While there will be many lessons and opportunities for feedback on code, as students write, test, and iterate through their own work, ultimately, there is only one assignment for the course; a completed, functioning web application. Along the way, students are expected to interact with and keep apprised her fellow students and professor through periodic weekly updates.

GRADE CALCULATION

100% of your grade is based upon the completion of the final project. Students are expected to be self-motivated and directed with regards to completion.

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. Advanced HTML and CSS Review
2. PHP review
3. MySQL review
4. Javascript review
5. Understanding Git
6. Understanding Client Server Interaction
7. Sessions
8. Advanced programming concepts
9. PHP & MYSQL
10. MVC
11. Putting it all together

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."