



**FLORIDA STATE UNIVERSITY**  
COLLEGE OF COMMUNICATION & INFORMATION  
*School of Information*

**LIS5362- DESIGN AND PRODUCTION OF NETWORK MULTIMEDIA**

**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 DESCRIPTION:**

This course introduces the student to the design, creation and management of standards-based, ADA-compliant web sites using HTML, CSS, and JavaScript, as well as frameworks such as Wordpress. Other topics include acquiring domain names and Web hosting agencies. The principles of user accessibility and user-centered design are emphasized, as is a focus on the implementation of modern web standards and coding, including search engine optimization. From the very beginning, students will learn how to apply these principles to design, and produce and manage web sites that meet existing web standards using a variety of development tools.

**COURSE OBJECTIVES**

This course is primarily intended as an introductory Web design and development course that focuses on the fundamental concepts of Web development using, but not limited to, XHTML, HTML5, CSS, and JavaScript.

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

1. Research, evaluate, and employ a variety of web development applications and technologies.
2. Design, develop and maintain personal Web sites.
3. Construct and manage standards-based, ADA compliant web sites
4. Apply the principles of universal and user-centered web design.
5. Determine best practices for particular use cases, including when to start from scratch versus when to use an established framework.

## COURSE MATERIALS

The following optional reference books are sanctioned for this course:

- New Perspectives on HTML, CSS, and Dynamic HTML, 5th Edition. Author(s): Patrick M. Carey. ISBN-13: 9781111526436
- Authors: Zak Ruvalcaba and Anne Boehm; Murach's HTML5 and CSS3 ISBN: 978-1-890774-66-0.
- HTML and XHTML Interactive Movie Tutorials, Starter Scott McLeod, Patrick Carey, ISBN 10: 1-4188-3938-8
- Cameron, D., Rosenblatt, B., and Raymond, E. (1996). Learning GNU Emacs, 2ndEdition. Sebastopol, CA: O'Reilly & Associates, 1996. ISBN 1-56592-152-6

## 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:  $7 \times 10\% = 70\%$

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

## 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. Introduction to Operating Systems
2. Introduction to File Management
3. Basic Web Administration
4. HTML
5. Developing a basic website
6. Developing a website with CSS
7. Page Layouts with CSS
8. Tables and Columns

9. Web Forms
10. Multimedia Sites
11. Advanced CSS
12. XHTML/HTML5
13. Basic Javascript
14. Operators and Expressions
15. Arrays, Loops, and Conditionals
16. The DOM
17. Documents Nodes and Styles

**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/](http://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](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)  
sdr@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](mailto: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."