LIS5362 – DESIGN AND PRODUCTION OF NETWORK MULTIMEDIA
Section | Date | Time
MODE OF INSTRUCTION: Online

Students all meet with instructor for class weekly, synchronously, using a multi-media conferencing system such as Collaborate, at a specific class time indicated in the University's course schedule for each semester. Additional asynchronous interactions among students and with instructor will be required, as indicated below in course evaluation and assessments, to complete the course.

Instructor:
Email:
Office:
Phone:
Course Location/Website:
Office Hours:
Teaching Assistant:
TA Email:

COURSE DESCRIPTION

This course introduces the student to the design, creation and management of standards-based, ADA-compliant web sites, frameworks, and applications. The principles of user accessibility and user-centered design are emphasized, as is a focus on the implementation of modern web standards and coding. Students will learn how to apply these principles to design, and produce and manage web sites, tools and applications using a variety of development and management tools.

COURSE OBJECTIVES

This course is primarily intended as an introductory Web design and development course that focuses on fundamental concepts of web development and front-end administration. Upon successful completion of the course, the student will be able to:

- Research, evaluate, and employ a variety of web development applications and technologies.

- Design, develop and maintain basic web sites.

- Construct and manage standards-based, ADA compliant web sites.

- Apply principles of universal and user-centered web design.

- Determine best practices for particular use cases, including when to start from scratch versus when to use an established framework.

COURSE MATERIALS

- After logging into the class portal, there will be a link listed for this course. The course site is the main communication resource for the class. Here you can get help, talk to other students, retrieve your grades, and generally keep up with course news and announcements.

- Students must have access to a computer, with the ability to run a web browser, a text editor, and a file transfer program, which the vast majority of desktops and laptops can do. Tablets are only permitted with the professor's approval.

- No books are required for the course, all materials will be available online.

- The primary reference resource for the study of standards is: https://www.w3.org/standards/

- The primary resources for instructional materials are the established educational web development portals:
    - http://w3schools.org
    - http://developer.mozilla.org

COURSE PROCEDURES

This is a synchronous online class; all students are required to be present during class sessions, by means of an online conferencing classroom system.

COURSE ASSIGNMENTS

There will be 3 types of assignments, as follows:

Exercises will comprise smaller comprehension problem sets designed to assess students' knowledge of previously covered material.

Code Assignments will be "hands-on" type deliverables, in which students will write code from scratch, to be uploaded to a class server.

Tests will be larger comprehension exercises to be completed in a relatively short period of time; that is, within a class period.

GRADE CALCULATION

Exercises:	2 x 10% = 20%
Code Assignments:	5 x 10% = 50%
Tests:	2 x 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

TOPICS

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. HTML5
13. Basic PHP
14. CMS Concepts
15. Wordpress and other Frameworks

SCHOOL OR DISCIPLINARY POLICIES:

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 Harassment 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/graduate/information/university_notices/

iSchool Hardware and Software Requirements

A list of all hardware and software requirements for students participating in the School of Information (iSchool) 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/academic-resources/academic-integrity-and-grievances/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.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

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/

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."