

IFSC 1310 – Internet Technologies

Fall 2009

August 20, 2009 – December 15, 2009 meeting on Tuesday & Thursday

10:50 a.m. – 12:05 p.m.

DKNS 101

Note: This syllabus is subject to modification by the instructor.

Class Information

Course Name: IFSC 1305 – Problem Solving Techniques
Instructor: Thomas Wallace
Office: ETAS 353
Telephone: 501.804.6422
Email: tswallace@ualr.edu
Office Hours: Tuesday / Thursday – 9:00a.m. - 10:30a.m. | By Appointment

Course Materials

Text Book

Title: Internet & World Wide Web: How to Program – 4th Edition

Authors: Deitel & Deitel

Publisher: Pearson | Prentice Hall

This text will also be used in Internet Technologies II taught in the Spring Semester

All additional required materials will be available via my website located at <http://ualr.edu/tswallace/courses/1310>.

External USB Storage Device - 1GB Minimum

Course Overview

This course is an introduction to Internet client-side technologies and standards-based web development. The course will be divided into sections covering the 4 core components of any web site/page. The sections are Structure, Content, Design (Presentation), and Behavior. At the end of this course, the student will be able to build from the ground up an interactive & accessible web site that will integrate all of the technologies covered in this course.

Course Requirements and Grades

10% - Participation & Self-Initiated Learning

30% - Homework Assignments

30% - Quizzes

30% - Final Web Site Project

Attendance

Attendance is critical in mastering the course material. If you must miss class, please send an email to tswallace@ualr.edu **before class** begins explaining the reason for your absence. Excessive absences will negatively affect your class participation grade.

Grading Scale

90% - 100%	A
80% - 89%	B
70 - 79%	C
60 - 69%	D
BELOW 60%	F

Detailed Schedule

Session Date	Topic / Activity
08.20.09	Introduction: Review Syllabus and course expectations
08.25.09	Introduction: Our Window to the Web: Web Browsers & Understanding Web Related Terminology
08.27.09	Getting Started: Structure, Content, Design, & Behavior and a discussion on Naming Conventions, Meta Naming, Directory Structure
09.01.09	Site Management: Dreamweaver CS4 and Defining a Site
09.03.09	Structure: Introduction to (X)HTML - Understanding how a web page works, DTD's, Exploring the <head> (title, description, keywords, language, encoding)
09.08.09	Structure: Introduction to (X)HTML – Properly Marking up an (X)HTML Document (Headings, Paragraphs, Lists, Links, Images, Block vs. Inline Elements)
09.10.09	Structure: Introduction to (X)HTML - Properly Marking up an (X)HTML Document (Tables , Forms, Attributes)
09.15.09	Structure: Creating Code Blocks (Div, Span, ID & Class attributes)
09.17.09	Design: Introduction to CSS – Creating and attaching a style sheet – Type, ID, Class Selectors
09.22.09	Design: CSS Syntax, Styling the elements of your site, Reset Style Sheet
09.24.09	Design: Using CSS for Layouts – CSS Box Model
09.29.09	Tools - Dreamweaver CS4: Using Dreamweaver for HTML – Overview of Final Project
10.01.09	Tools - Dreamweaver CS4: Using Dreamweaver for CSS

10.06.09	Design / Content: Planning and Storyboarding a web site – Color and Typography Discussion
10.08.09	Design: Introduction to Fireworks CS4 – Working with Shapes, Symbols and Text
10.13.09	Design: Introduction to Fireworks CS4 – Filters, Guides, and Paths, Cropping
10.15.09	Design: Introduction to Fireworks CS4 - Web Site Banner Case Study – Explore the design process using a combination of the techniques we have used thus far Optimizing images for the web
10.20.09	Structure / Design: Integrating Images into your site template, Hyperlinks and Styling Navigation
10.22.09	Structure: Validating your site Template Finalizing Page Structure Duplicating Pages
10.27.09	Special Topics: Web Accessibility – Melanie Thorton
10.29.09	Behavior: Introduction to JavaScript – Your First Script, Document Object Model (DOM)
11.03.09	Behavior: Introduction to JavaScript – Image Gallery Case Study
11.05.09	Behavior: Introduction to JavaScript – Image Gallery Case Study
11.10.09	Behavior: Introduction to JavaScript – Image Gallery Case Study
11.12.09	Behavior: Introduction to JavaScript – The Power of JavaScript Libraries
11.17.09	Content/Design: Flash CS4
11.19.09	Content/Design: Flash CS4
11.24.09	Content/Design: Flash CS4
11.26.09	Thanksgiving Holiday - No Class
12.01.09	Content/Design: Flash CS4
12.03.09	Project Troubleshooting / Optimization
12.08.09	Consultation Day
12.09.09	Finals Begin
12.15.09	Finals End

Statement for Students with Disabilities

Students with Disabilities: It is the policy of the University of Arkansas at Little Rock to create inclusive learning environments. If there are aspects of the instruction or design of this course that result in barriers to your inclusion or to accurate assessment of achievement-such as time-limited exams, inaccessible web content, or the use of non-captioned videos-please notify the instructor as soon as possible. Students are also welcome to contact the Disability Resource Center, telephone 501-569-3143 (v/tty). For more information, visit the DRC website at <http://ualr.edu/disability/>.