

**WEB 210 - 10**  
**Webpage Design**  
**3 Credit Hours, 4 Contact Hours**

**Fall 2007**

**Course Description:**

This course introduces intermediate to advanced web page design techniques. Topics include effective use of graphics, fonts, colors, navigation tools, advanced markup language elements, as well as a study of bad design techniques. Upon completion, students should be able to employ advanced design techniques to create high impact and highly functional web pages.

**Prerequisites:** CIS 110 or CIS 111

**Corequisites:** none

**Instructor Information:**

**Instructor:** Keegan Anderson  
**Office Location:** P212  
**Telephone Number:** (828) 765-7351 ext. 333  
**E-mail Address:** kanderson@mayland.edu  
**Office Hours:** Posted Outside Office  
Also by appointment as needed.

**Course Information:** This class meets on Tuesdays and Thursdays from 10:00 am – 11:50 am in room P213.

**Required Text(s):** Patrick Carey. New Perspectives: HTML, XHTML, and Dynamic, Comprehensive Course Technology, 2006.

**Required supplies:** USB Flash Drive

**Course Objectives/Competencies:** These competencies directly support the Office System Technology Associate in Applied Science degree program learning outcome of “Demonstrate ability to use current software and technology to produce documents...”

1. You will be able to understand the structure of a basic web page and will learn the process of web page creation.
2. You will be able to use HTML, XHTML, and Dynamic HTML to manually create and modify web pages.
3. You will gain experience with automated tools to assist you while you develop your own web sites.
4. You will be able to recognize a “good” web page design from a “bad” one.
5. You will be able to develop web sites with clear navigation.
6. You will be able to effectively use color, fonts, graphics, and text in order to develop visually appealing web pages.
7. You will be able to create a web site from scratch that could be used to sell, inform, entertain, and/or inspire.
8. You will attempt to obtain and capture audience attention for a stated purpose.
9. You will understand the concepts of Tables, Frames, Forms, Style Sheets, Multimedia, Scripts, and other advanced web technologies.
10. You will recognize the need for – and implementation of – good web page design. \*\*\*
11. You will create functional web sites using existing and emerging technologies and languages. \*\*\*

\*\*\* This competency supports the program learning outcomes for the Information Systems program

**ADA statement:** Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.

**Administrative Withdrawal:** If a student has not been in contact with the instructor and has not attended class for a consecutive two-week period, an administrative withdrawal could be submitted by the instructor. Please note that this is not my, the instructors, responsibility to drop students from the course and a withdraw could not be submitted for various reasons. Once withdrawn from the class, a student will not be readmitted.

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**Please note: No exceptions will be made to the following attendance policy, grading criteria or expectations of students!**

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**Attendance Policy:**

Attendance will be taken every day at the beginning of class. If you are not in class, you are absent regardless of the reason. Every fifth absence will result in the drop of one letter grade.

**Grading Criteria:**

All assignments are due on the date specified and at the time specified, I will not accept late assignments.

**Absences are not an excuse for missing tests or not turning in assignments on time!**

**Tests:** You may make up one test during the semester provided that you have made **prior** arrangements with me and have a **valid** excuse for missing the original test, however, five points per calendar day will be deducted from make-up tests. All tests must be made up within one week of when originally given or you will receive a zero. If you miss class but come later on the same day to take the test, it is still considered a make-up and points will be deducted. If you do not take a test at the scheduled time and do not make arrangements with me to make it up or if you miss more than one test, you will receive a grade of zero. No test grades will be dropped at the end of the semester.

**Projects/Daily Work:** Projects (hands-on work, computer required) will be given for each unit/topic covered. All projects will be due on a specific day at a specific time. No projects will be accepted late and will count as two daily work grades. Daily work will consist of questions, quizzes, hands-on work, etc. that corresponds to the material covered in class. No late work will be accepted for daily work. If you are not in class, you will not receive a grade for any work that is taken up or graded. One daily work grade will be dropped per seven grades taken.

	<b><u>Grading Criteria</u></b>	<b><u>Grading Scale</u></b>	
Projects/Daily Work:	50%	A = 93-100 B = 85-92 C = 78-84	You may log in to <a href="http://leo.mayland.edu">http://leo.mayland.edu</a> to see the syllabus, your assignments, check email, and view your grades.
Tests:	50%	D = 70-77 F = 0-69	

**Academic Standards/Student Expectations/Ethics:**

As college students, you will take personal responsibility for learning in this class. This means:

1. Coming to class prepared and completing all assignments on time.
2. Be responsible for keeping up with assignments, notes, etc. even when absent.
3. Complying with Mayland's Computer Resources Acceptable Use Policy.
4. Complying with Mayland's Student Conduct Policy. Students will be expected to conduct themselves in a professional matter; rudeness, inappropriate comments, outburst in class, surfing web during lecture, etc. will not be tolerated. You will be ask to leave for the day on your first offense, the second you will be dropped from the class.
5. Allow others the full opportunity to learn during class time. This means:
  - \*Turn off cell phones, pagers, etc.
  - \*Do not bring other people or children to class with you.
  - \*Do not use computers for games, e-mail, etc. during class.
6. Cheating and Plagiarism will not be tolerated in class. You will be dropped from the class for any form of cheating. This includes, but not limited to: talking, hand gestures, cell phones,

and communication over the internet.

**Inclement Weather Procedures:**

In the event that MCC is operating on a delayed schedule, this class will meet from 11:30 am – 12:50 pm.

**Withdrawal Dates:**

End of Unconditional Withdrawal  
End of Conditional Withdrawal

Tuesday, September 25<sup>th</sup>  
Thursday, November 1<sup>st</sup>

**Course Outline:**

- I. History of the Internet, Web, HTML
- II. Basic Web Page Creation
- III. Web Site Structure and Hyperlinks
- IV. Designing a Web Page with Colors, Fonts, Images, and Image Maps
- V. Web Page Design Principles
- VI. Developing a Design for a Web Site
  - a. Purpose
  - b. Audience
  - c. Content
  - d. Structure
  - e. Information Organization
  - f. Navigation
- VII. Working with Cascading Style Sheets
- VIII. Graphics and Typography
- IX. Using Tables for Content and Structure
- X. Using Forms
- XI. Using Sound, Video, and basic Java Applets
- XII. Discovering XHTML
- XIII. Working with basic JavaScript
- XIV. Using Frames
- XV. Maintenance
- XVI. Objects, Special Effects, Windows, Form Validation, Dynamic Content