

Coffeyville Community College

COURSE SYLLABUS

FOR

COMP-284

Web Page Design: HTML/XHTML

Mrs. Darla Thornburg

COURSE NUMBER:	COMP-284
COURSE TITLE:	Web Page Design: HTML/XHTML
CREDIT HOURS:	Three (3)
INSTRUCTOR:	Mrs. Darla Thornburg
OFFICE LOCATION:	Room 108, Weinberg Hall
OFFICE HOURS:	Posted Outside Office Door
TELEPHONE:	620-251-7700, ext. 2122
E-MAIL:	darlat@coffeyville.edu
REQUIRED TEXT:	1. <u>New Perspectives on HTML and XHTML - Introductory</u> , Patrick Carey, Course Technology, Inc., 2009.
COURSE DESCRIPTION:	Web Page Design: HTML/XHTML introduces the student to the language of Hypertext Markup Language (HTML), Extensible Hypertext Markup Language (XHTML), and Cascading Styles Sheets for creating web-formed Web pages that are compliant with current Web standards. Students will create, publish, test, and maintain Web pages using HTML and XHTML.
EXPECTED LEARNER OUTCOMES:	Upon successful completion of this course the student will be able to: <ol style="list-style-type: none"> 1. Create a Web Page with HTML/XHTML. 2. Add hyperlinks to a Web page. 3. Design a Web Page. 4. Design a Web page with Tables. 5. Use Frames in a Web site. 6. Create Web page forms 7. Work with Cascading Style Sheets. 8. Create a multimedia Web page. 9. Create a HTML/XHTML Web site. 10. Publish an HTML/XHTML Web site.

**LEARNING TASKS
AND ACTIVITIES:**

A list of competencies for each unit is attached. These will be discussed in class and will comprise the material covered on each test. Class time will include lecture of selected chapters from the text, demonstration of software, and student exercises. Students may need to spend additional time in the lab in order to complete exercises.

- o Tutorial 1 Lecture and Assignments
 - o Developing a Basic Web Page
- o Tutorial 2 Lecture and Assignments
 - o Adding Hypertext Links to a Web Page
- o Tutorial 3 Lecture and Assignments
 - o Designing a Web Page
- o Image Map Assignment
- o Tutorial 4 Lecture and Assignments
 - o Designing a Web Page with Tables
- o Tutorial 5 Lecture and Assignments
 - o Using Frames in a Web Site
- o Tutorial 6 Lecture and Assignments
 - o Creating Web Page Forms
- o Tutorial 7 Lecture and Assignments
 - o Working with Cascading Style Sheets
- o Tutorial 10 Lecture and Assignments
 - o Creating a Multimedia Web Page
- o Web Project - Design Plan
- o Web Project

**ASSESSMENT OF
OUTCOMES:**

Evaluation

The **grading scale** for the course will be:

A	100-90%
B	89-80%
C	79-70%
D	69-60%
F	59-0%

The final grade will be determined by averaging the grades of the following:

60%	Assignments
40%	Projects

Attendance

Attendance is of utmost importance in this course because the lectures and assignments will be completed in class at the computer. All students are expected to attend class.

Attendance will be taken at the beginning of the hour each class period. If you are not present when attendance is taken, you will be counted absent for the day.

It is the responsibility of the **student**, not the sponsor, to make definite arrangements with the instructor for makeup work **before** going on field trips or other College-sponsored events. College-sponsored events will be counted as excused absences provided students complete all necessary assignments as designated by the instructor. If you do not inform your instructor of your absence before you leave, then you will be counted absent. Excused absences are to include academic competition, judging team competition, music events, official athletic events, field trips, and other College-sponsored events as approved by the Vice President for Learning.

The following scale will be used to determine your attendance adjustment for your final grade:

Number of Absences	Percent Adjustment
0	+5%
1	+3%
2	+2%
3	+1%
4	-3%
5	-6%
6	-9%
7	MUST Withdraw from class.

Example:

If your grade average is 93% and you have 5 absences, then your final grade would be an 87%.

Grade Average	93%
5 Absences	-6%
Final Grade	87%

If your grade average is a 78% and you only have 1 absence, then your final grade would be an 81%.

Grade Average	78%
5 Absences	+3%
Final Grade	81%

Any student who has 7 unexcused absences must drop the class for excessive absences and non-participation in the class. It is the student's responsibility to take care of this procedure. The instructor will NOT complete this paperwork for you. *Please refer to "Withdrawal from Classes for Non-Attendance/Non-Participation" – page 21 of the College catalog.*

It is your choice to be in this class. If you choose to come to class, the instructor and fellow students demand your attention and respect. Cell phone usage, including text messaging, MP3 usage, or usage of any other electronic device is not allowed in class. Any student who cannot meet these expectations will be asked to leave the classroom and will be counted absent for that day.

This attendance policy is subject to revision by the instructor with prior notice to the student.

Academic Honesty

Absolutely no tolerance!

Each student is expected to do his or her own work. Appropriate action will be taken on any student who is found borrowing another student's work; this may include receiving a failing grade, being dropped from the class or being placed on academic probation.

This syllabus is subject to revision with prior notice to the student by the instructor.

Web Page Design: HTML/XHTML

CREATE A WEB PAGE WITH HTML/XHTML

1. Explore the structure of the World Wide Web.
2. Learn the basic principles of Web documents.
3. Get to know the HTML/XHTML language.
4. Create an HTML/XHTML document
5. View an HTML/XHTML file in a Web browser.
6. Tag text elements, including headings, paragraph, and lists.
7. Insert character tags.
8. Add special characters.
9. Insert horizontal lines.
10. Insert an inline graphic image.

ADD HYPERLINKS TO A WEB PAGE

11. Create hypertext links between elements within a document.
12. Create hypertext links between one document and another.
13. Review some basic Web page structures.
14. Create hypertext links to pages on the Internet.
15. Understand the difference between and use absolute and relative pathnames.
16. Learn to create hypertext links to various Internet resources, including FTP servers and newsgroups.

DESIGN A WEB PAGE

17. Learn how HTML/XHTML handles color.
18. Create a color scheme for a Web page.
19. Insert a background image into a Web page.
20. Create spot color.
21. Learn about different image formats.
22. Learn how to control the placement and appearance of images on a Web page.
23. Work with client-side image maps.

DESIGN A WEB PAGE WITH TABLES

24. Create a text table.
25. Create a graphical table using the <TABLE>, <TR>, and <TD> tags.
26. Create table headers and captions.
27. Control the appearance of a table and table text.
28. Create table cells that span several rows or columns.
29. Use nested tables to enhance page design.
30. Learn about Internet Explorer extensions for use with tables.

USE FRAMES IN A WEB SITE

31. Create frames for a Web site.
32. Control the appearance and placement of frames.
33. Control the behavior of hyperlinks on a page with frames.
34. Use magic target names to specify the target for a hypertext link.
35. Create a page that is viewable both by browsers that support frames and by those that do not.
36. Work with extensions that change the appearance of frames.

CREATE WEB PAGE FORMS

37. Learn about CGI scripts.
38. Review the various parts of an online form.
39. Create form elements.
40. Create a hidden field on a form.
41. Work with form properties.
42. Learn how to send data from a form to a CGI script.
43. Learn how to send form information without using CGI scripts.
44. Learn about enhancements to the HTML/XHTML form elements.

WORK WITH CASCADING STYLE SHEETS

45. Learn about the history and theory of cascading style sheets.
46. Create inline styles, embedded styles, and style sheets.
47. Understand style precedence and style inheritance.
48. Use cascading style sheets to format the appearance of paragraphs, lists, and headers.
49. Design a style for hypertext links in their four conditions.
50. Define document content with the CLASS and ID properties and create styles for them.
51. Mark document content with the <DIV> and tags and create styles for them.
52. Use cascading styles to control page layout.

CREATE A MULTIMEDIA WEB PAGE

53. Work with external and embedded multimedia files.
54. Learn about the principles of sound and video clips.
55. Work with the <EMBED> tag to enhance a Web page with sound and video.
56. Provide tags for browsers that do not support embedded objects.
57. Learn how to create a background sound with Internet Explorer.
58. Use the <APPLET> tag to add a Java applet to a Web page.
59. Create a scrolling marquee with the <MARQUEE> tag.

CREATE A HTML/XHTML WEB SITE.

60. Create an HTML/XHTML Web site based on the elements developed throughout the course.
61. Test a HTML/XHTML Web site.

PUBLISH A HTML/XHTML WEB SITE

62. Publish a HTML/XHTML Web site.