



**Bucks County Community College**  
**CONTINUING EDUCATION - WEB DEVELOPMENT & DESIGN**  
<http://www.bucksitacademy.com>

**WCOSY 6019 - HTML, XHTML & CSS**

*Fall, 2009 - Newtown Campus*  
September 19, 26 & October 3, 10

**INSTRUCTOR:** Sandra L. McClurken

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**HOURS:** Saturdays, 9:00 A.M. - 12:00 P.M.

**TEXT:** Element K Press LLC. Web Design with XHTML, HTML and CSS - Level 1. Part Number 085960. Course Edition 1.0. Rochester, NY, 2008.  
[Http://www.elementk.com](http://www.elementk.com)

**RECOMMENDED**

**TEXTS:** Castro, Elizabeth. HTML, XHTML & CSS. 6<sup>th</sup> Edition. Peachpit Press, Berkely, CA, 2006. ISBN: 0321430840.

McFarland, David Sawyer. CSS: TheMissing Manual. 2<sup>nd</sup> Edition. Pogue Press/O'Reilly Media, Inc., Sebastopol, CA, 2009. ISBN: 978-0-596-80244-8.

MacDonald, Matthew. Creating Web Sites: The Missing Manual. 2<sup>nd</sup> Edition. Pogue Press/O'Reilly Media, Inc., Sebastopol, CA, 2009. ISBN: 978-0-596-52097-7.

**COURSE PREREQUISITES**

Students should have a desire to learn to create web pages and web sites for personal or business use. Familiarity with keyboarding, using a mouse and basic typing is a must. Students should also have good desktop management skills: know how to create and name folders, how to name and save files, open and close applications, navigate to folders to access files, and use Internet browsers.

**COURSE DESCRIPTION**

This course will teach students the basics of creating a web site using HTML. It will also introduce XHTML, which is used to develop more standards-compliant web sites for greater efficiency, accessibility, and forward-compatibility. Students will also learn how to use Cascading Style Sheets (CSS) to enhance HTML formatting. This course is recommended for beginners in web site development.

## OBJECTIVES

Students will:

1. Create basic web pages using XHTML
2. Structure content using the div tag and the box layout method
3. Apply styles using CSS
4. Work with tables
5. Add Graphics
6. Create hypertext, email and graphic links

## EVALUATION

Participants in this course will be evaluated in the progress toward the course objectives through the completion of class assignments and attendance.

## COURSE REQUIREMENTS

1. Class attendance (50%)
2. Class assignments (50%)

## COURSE SCHEDULE

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
Saturday, September 19	Course Overview A Word About Design Introduction to HTML/XHTML - Structure of a web page; - Text tags - List tags: ordered, unordered, definition	<u>Text:</u> Lesson 1: pgs. 2 - 8. <u>Text:</u> Lesson 2: pgs. 22 - 32. <u>Handouts:</u> -Bad Design Checklist -Better Design Checklist -10 Common Web Design Mistakes... -Designing Interfaces -HTML Page Code <i>*For Next Class: Create your resume in HTML using NotePad (Windows) or TextEdit (Mac).</i>
Saturday, September 26	HTML/XHTML - Images & the Image tag - Link tags - Validating your XHTML Page Layout - The box method - Container tags <div> <span>	<u>Text:</u> Lesson 3: pgs. 38 - 69. <u>Text:</u> Lesson 5: pgs. 102 - 114. <u>Handouts:</u> -HTML Layout for CSS <i>*For Next Class: Style your resume with an external CSS; add at least 2 graphics and email and URL links.</i>
Saturday, October 3	Introduction to CSS (Cascading Style Sheets) - Structure of a CSS Rule - Cascading Order - Structure of an Internal Style Sheet - Structure of an External Style Sheet - Redefining an html tag - Creating your own CSS rule - Floats	<u>Text:</u> Same as above. <u>Handout:</u> - CSS Notes <i>*For Next Class: Experiment with CSS and creating your own rules. Try some of the online tutorials available.</i>
Saturday, October 10	More on Cascading Style Sheets (CSS) - Review inline, embedded, external CSS More on XHTML - Tables	<u>Text:</u> Lesson 4: pgs. 84- 96. <u>Handouts:</u> -HTML Table Code

