

Lighthouse Seminar: Introduction to Web Design (WEB 1001)

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The following is an outline of the seminar I will be holding in your class. We may deviate from the plan, in fact I expect it, but hopefully we will finish it all by the time I leave.

The goal of this seminar is to create personal website, using fully valid XHTML and CSS coding syntax.

Grading

There will be no letter grading (A-F). Instead, it will be S/N, “Satisfactory” or “Not Satisfactory.” Assignments will be a pass if you complete it without errors. You can redo an assignment as many times as you need until it’s perfect. **To get an S, every assignment must be done perfectly.** Thus, there is no reason why you should not pass the seminar.

Assignments

Assignments will be given out at the end of each lecture. If you have questions, please ask, my contact information is at the top. After class I will be at work where I can easily answer emails and I am perpetually on IM. Assignments are due the next day unless otherwise specified. This means assignments must be done by the time I get there. If you fail to turn in an assignment, you will be marked as such. Missing an assignment can cause problems as you may not know what I am talking about in the lecture, so I recommend you to not skip them. **All assignments must be turned in by January 12, otherwise you will receive a “N.”** If an assignment is wrong, you will be notified and you will have to fix it for it to be accepted.

Assignments should be printed and turned in at the beginning of lecture. It doesn’t matter to me what you use to print but **all assignments should have your name printed on them.**

I will be using Visual Studio in class, but recommended programs to code in also include:

- Windows Notepad
- Visual Studio 2005 Express
- Textpad
- Any other HTML Editing software

There will be **no** Microsoft Frontpage, Word HTML, or “WYSIWYG” (What-You-See-Is-What-You-Get) allowed. All code will be hard-coded (coded manually). You should check your webpage using the Firefox or Opera browser.

Expected Outline

<p style="text-align: center;">January 3</p>	<ul style="list-style-type: none"> • Introduction to the class, my policies • What is HTML/XHTML? • What is web design? • What career opportunities are available for web design? • What programs to use and how to use them. <p>Assignment: Answer question on handout.</p>
<p style="text-align: center;">January 4</p>	<ul style="list-style-type: none"> • The format of an HTML document • What are tags? • Making your first webpage • Basic markup: bold, italic, underline, links, etc. • Good coding ethics <p>Assignment: Make an index page for your personal site. See handout.</p>
<p style="text-align: center;">January 5</p>	<ul style="list-style-type: none"> • Intermediate markup: tables, headers, dividers, images, etc. • How to make a table • What we use tables for • What are headers used for? • What are dividers used for? • If we have time, introduce CSS. <p>Assignment: Make a table of data about you. See handout.</p>
<p style="text-align: center;">January 8</p>	<ul style="list-style-type: none"> • Introduce CSS • Talk about inline, internal, and external CSS. • Basic styles: tags • Style your HTML page. <p>Assignment: Style your personal website. See handout.</p>
<p style="text-align: center;">January 9</p>	<ul style="list-style-type: none"> • IDs and Classes

	<ul style="list-style-type: none"> • CSS Positioning • Cascading styles • More styles • Using external CSS for multiple pages <p>Assignment: Create a simple layout for your pages using CSS positioning. Create other pages that interest you. See handout.</p>
<p>January 12</p>	<ul style="list-style-type: none"> • Advanced HTML – embed objects, nested tags • How to start making public web sites • Dynamic websites: Server-side scripting • JavaScript, client-side scripting • USA: Usability, SEO, and Accessibility • Graphic design <p>Assignment: Learn more!</p>

Web design can become very complicated and complex, this is only an introductory course. I do not cover making web graphics, how to host a website, or how to program for the web. If you are further interested in learning about web design, I recommend the following sites:

<http://www.sitepoint.com/>

<http://www.webmonkey.com/>

<http://www.yourhtmlsource.com/>

<http://www.htmlgoodies.com/>