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This document tracks the time I spent to learn the Online Course "**Introduction to HTML**", course number **H101.72** taken at **http://www.eclasses.org/** from reading the text book, reading online resources, software installations, programming and debugging.
*(note: the ".72" in H101.72 refers to the number of times the course has been given).*

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*Total number of hours I spent* *(details below)* = **121.25** *hrs*

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**\*\*\*\*\*\*\*\*\*\*\*\*\*Course Description\*\*\*\*\*\*\*\*\***

## Introduction to HTML - course number H101.72

**Start Date**: 25-June-2007; **Duration:** 8 weeks; **CEUs:** 4.0; **Course Number:** H101.72 ; **Instructor:** Frani Ciesielski **Co-Instructor:** Quail Duryea

Designed for the student with little to no working knowledge of creating HTML files by hand. If you're looking to learn HTML from scratch or move beyond using a WYSIWYG (what you see is what you get) editing tool, this is the class for you. Students will be introduced to the structure of HTML documents, good markup techniques, and the concept of validation. Students will be required to use a plain text editor to write HTML and use an FTP program to upload the pages to the Internet. Functional topics will include text formatting, using lists, tables, and a brief foray into CSS.

## Outline:

**Week 1:** Basics of FTP and the document HEAD

- Form the basic structure for an HTML document

- Understand and know which DOCTYPE declaration to use and why

- Know how to insert META tags and why they are needed

- Use an FTP program to transfer files to a web server

**Week 2:** Basics of Inline and Block-level tags

- Understand the difference between Inline elements and Block-level elements

- Know which tags must be closed and the order to close them

**Week 3:** Links and Images

- Know how to create links to other pages/sites

- Be able to insert Images into a web page

**Week 4:** Tables and Search Engines

- Understand the basic ways a search engine works

- Learn the basic structure of a table

- Learn how to combine table rows and columns for layout

**Week 5:** Forms and validation

- Understand the structure of forms

- Be able to create forms that can return the responses via email

- Understand how the validating process works

- Be able to create 'valid' html files according to the W3C specifications

**Week 6:** Lists and Character Entities

- Understand and be able to insert lists into the document

- Learn how to use character entities

**Week 7:** Basics of CSS

- Understand basic CSS

- Be able to incorporate CSS into a web page

- Be able to link a web page to a style sheet

- Be able to create CSS classes that can be re-used throughout a web site

**Week 8:** Final Project

- This lesson incorporates all 7 of the previous lessons and you will be creating a functional web site

**Prerequisites**

None

**Requirements**

Students must have webspace where they can post their assignments. You need to avoid webspaces that support banner ads or popup adds as this adds code to your pages. If you do not have webspace, try your ISP first as many provide a small amount of space with your monthly fee. If yours does not, there are a number of free services that are available on the net. A good place to look for free webspace is FreeWebSpace.net at http://www.freewebspace.net/ or the Free Site at http://www.thefreesite.com

**Books:**

**Required Book:** Head First HTML with CSS & XHTML, by Elisabeth & Eric Freeman, (504 pages), **ISBN**: 059610197X , Oreilly, Dec. 2005.

**Reference Book1:** Mastering Integrated HTML and CSS, by Virginia DeBolt, (600 pages), **ISBN**: 9780470097540 , Wiley, 2007.

**Reference Book2:** Step by Step, HTML and XHTML, by Faithe Wempen, **ISBN**: 0735622639 , Microsoft Press, 2006.

**Instructor: Frani Ciesielski** has been involved in Web Design from 1995, holds certification in several web-related areas, including Web Development and is also certified in Office Technology. Frani worked as an Assistant Manager for Einstein Bros. Bagels for several years before starting her own Web Design business. She spends a large amount of time volunteering in several PTA's on the local, county and state level and currently is webmaster for the MDPTA and HCCPTA.

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*************Table of Contents************

*Text Book:* **Head First HTML with CSS & XHTML, by Elisabeth & Eric Freeman, (504 pages).**

**Chapter 1:**     The Language of the Web: *getting to know HTML*
**Chapter 2:**     Meet the 'HT' in HTML: *going further with Hypertext*
**Chapter 3:**     Web Page Construction: *building blocks*
**Chapter 4:**     A Trip to Webville: *getting connected*
**Chapter 5:**     Meeting the Media: *adding images to your pages*
**Chapter 6:**     Serious HTML: *standards, compliance, and all that jazz*
**Chapter 7:**     putting 'X' into HTML: *moving to XHTML*
**Chapter 8:**     Adding a little style: *getting started with CSS*
**Chapter 9:**     Expanding your Vocabulary: *styling with fonts and Colors*
**Chapter 10:**    getting Intimate with Elements: *the box model*
**Chapter 11:**    Advanced Web Construction: *divs and spans*
**Chapter 12:**    Arranging Elements: *layout and positioning*
**Chapter 13:**    Getting Tabular: *tables and lists*
**Chapter 14:**    Getting Interactive: *XHTML forms*
**Appendix :**     The Top Ten Topics (we didn't cover): *leftovers*
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*Documentations:* The documents - **file names** - that I wrote/created are:

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|---|---|
| 1. | TimeSpentToLearnHTML.rtf |
| 1a. | TimeSpentToLearnHTML.wpd (Word perfect) |
| 2. | IntroToHTML_H101.72__Syllabus_Reading.rtf |
| 3. | IntroToHTML_H101.72_Lessons and Discussions.rtf |
| 4. | IntroToHTML_H101.72_Assignments.rtf |
| 5. | 2007 Enrollments.rtf |
| 6. | IntroToHTML_H101.72_Assignment Status_Others.rtf |
| 7. | MetaTags+others.rtf |
| 8. | HTML 4.01 Specification.rtf |
| 9. | Search Engines.rtf |
| 10. | Cascading Style Sheets, level 1.rtf |
| 11. | Cascading Style Sheets, level 2.rtf |

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| Date | Time Spent (hrs) | Description (mainly) |
|---|---|---|
| Sunday June 24, **2007** | 3.0 | **Start of Introduction to HTML**-course number |

| | | **H101.72**<br>**Reading** and **Documenting** course materials at<br>http://www.eclasses.org/<br>Documents **created** are = at: C:\Documents and<br>Settings\boutros\My Documents\My<br>Programs\eClasses.Org\Course_IntroductionToHTML_H101.72\ |
|---|---|---|
| Monday June 25, 2007 | 4.25 | **Installed** and **Set up** several HTML and CSS text editing software tools. These software tools are not required to write HTML or CSS— any basic text editor will do—but they have features such as color coding and indenting that make writing HTML easier.  The software tools are:<br>**TopStyle Pro 3.12**; **TextWrangler 2.1.3; Coffeecup HTML Editor 2007**; **Style Master 4.6**; **EditPlus 2.30**.<br>**Installed VisiBone** (www.visibone.com) color pop-ups. These are color palettes you can keep open on your computer desktop in order to choose colors and color names while you write the  HTML.<br>**Installed Opera** Browser version 9.21.<br>**Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 6: [pages 226 - 227];  Chapter 1: [pages 1 - 6]. |
| Tuesday June 26, 2007 | 3.5 | **Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 1: [pages 7 - 32];  Chapter 2: [page 51];<br>Chapter 3: [pp 96 - 101];  Chapter 6: [pp 228 - 233; 240 - 250]. |
| Wednesday June 27, 2007 | 2.5 | **Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 6: [pp 251 - 258 ];  Chapter 3: [pp 108 - 113 ].<br>**Read** Online references at:<br>http://searchenginewatch.com/showPage.html?page=2167931<br>http://www.webdevelopersjournal.com/articles/favicon.html<br>http://searchenginewatch.com/showPage.html?page=2167891<br>http://searchenginewatch.com/showPage.html?page=webmasters<br>http://www.philb.com/metatag.htm<br>http://htmlhelp.org/reference/html40/structure.html<br>http://htmlhelp.org/reference/html40/olist.html |
| Thursday June 28, 2007 | 3.25 | Read Online material of Introduction To HTML class "Lesson and Discussion -Week 1-Basics of FTP and the document HEAD" at http://www.eclasses.org/<br>**Read** Online references at:<br>http://www.w3.org/TR/html4/  or<br>http://www.w3.org/TR/REC-html40/<br>http://builder.com.com/5100-31-5077482.html?tag=search<br>http://www.eskimo.com/~bloo/indexdot/html/tagpages/d/doctype.htm |
| Friday June 29, 2007 | 1.0 | **Finished  First** week homework for Introduction to HTML class. Posted it online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/boutrosabichedid.html |
| Sunday July 1, 2007 | 1.0 | **Read** Online material of Introduction To HTML class "Lesson and Discussion -Week 2-Basics of Inline & Block-level tags."<br>at **http://www.eclasses.org/** |

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|---|---|---|
| Monday July 2, 2007 | 1.0 | **Read** Online references at:<br>http://htmlhelp.org/reference/html40/special/font.html<br>http://htmlhelp.org/reference/html40/block.html |
| Tuesday July 3, 2007 | 2.75 | **Read** Online references at:<br>http://www.w3.org/TR/html4/present/graphics.html#edef-FONT<br>http://w3schools.com/html/html_fonts.asp<br>http://htmlhelp.org/reference/html40/inline.html<br>http://www.mcsr.olemiss.edu/~mudws/font.html<br>**Finished  Second** week homework for Introduction to HTML class.  Posted it online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/file2.html |
| Wednesday July 4, 2007 | 1.0 | **Installed**  software**"CSE HTML Validator Lite 8.04"** from web site: http://www.htmlvalidator.com/lite/<br>**Useful** Online references found at:<br>http://freecomputerbooks.com/<br>http://www.intelligentedu.com/free_computer_books.html |
| Thursday July 5, 2007 | 0.75 | **Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 4: [pages 144 - 150]. |
| Friday July 6, 2007 | 2.0 | **Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 4: [pages 151 - 164 ].<br>**Installed  ImageForge Standard 3.60** from website: http://graphicssoft.about.com/<br>**ImageForge** is a freeware image editor with painting and editing tools. Allows you to import images from scanners and digital cameras, apply special effects filters, and create photo albums and slideshows. Although this is teaser program for the shareware ImageForge PRO, it's probably a few steps above Microsoft Paint. |
| Saturday  July 7, 2007 | 1.75 | **Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 5: [pages 165 - 181]. |
| Sunday  July 8, 2007 | 1.25 | **Book:** Head First HTML with CSS & XHTML, by Freeman. Chapter 5: [pages 182 - 201]. |
| Monday July 9, 2007 | 2.5 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 5: [pages 202 - 222]. |
| Tuesday July 10, 2007 | 4.75 | **Read** Online material of Introduction To HTML class "Lesson and Discussion -Week 3-Images & Links" at **http://www.eclasses.org/**<br>**Read** Online references at:<br>http://htmlhelp.org/reference/html40/special/img.html<br>http://htmlhelp.org/reference/html40/attrs.html<br>http://htmlhelp.org/feature/art3.htm<br>**Finished Third** week homework for Introduction to HTML class.   Posted it online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/links.html |

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| Wednesday July 11, 2007 | 1.75 | **Read** week 4 Online references at:<br>http://searchenginewatch.com/webmasters/article.php/2167931 |
| Thursday July 12, 2007 | 1.75 | **Read** week 4 Online references at:<br>http://www.searchenginewatch.com/webmasters/article.php/2168031<br>http://www.searchenginewatch.com/webmasters/article.php/2167961<br>http://www.searchenginewatch.com/webmasters/article.php/2167891<br>http://webreference.com/content/search/index.html |
| Friday July 13, 2007 | 1.75 | **Book:** Head First HTML with CSS & XHTM, by Freeman.<br>Chapter 13: [pages 549 - 565]. |
| Saturday July 14, 2007 | 1.25 | **Book:** Head First HTML with CSS & XHTM, by Freeman.<br>Chapter 13: [pages 566 - 590]. |
| Sunday July 15, 2007 | 1.25 | **Read** Online material of Introduction To HTML class "Lesson and Discussion -Week 4-Tables & Search Engines" at<br>**http://www.eclasses.org/** |
| Monday July 16, 2007 | 1.5 | **Read** Week 4 <u>additional</u> Online references at:<br>http://htmlhelp.org/reference/html40/alist.html<br>http://www.w3.org/TR/html401/struct/tables.html |
| Tuesday July 17, 2007 | 3.0 | **Read** Week 4 <u>additional</u> Online references at:<br>http://w3schools.com/html/html_tables.asp<br>http://www.htmlhelp.com/reference/html40/tables/<br>http://htmlhelp.org/reference/html40/attrs.html<br>http://htmlhelp.org/reference/html40/entities/latin1.html |
| Wednesday July 18, 2007 | 4.5 | **Finished Fourth** week homework for Introduction to HTML class.   Posted them online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/table1.html<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/table2.html |
| Friday July 20, 2007 | 3.5 | **Book:** Head First HTML with CSS & XHTM, by Freeman.<br>Chapter 14: [pages 591 - 623].<br>**Installed  PHP 5.2.3** <u>with</u> **Documentation** and without **Webserver** from:  http://www.php.net/<br>PHP (recursive acronym for "PHP: Hypertext Preprocessor") is a widely-used Open Source general-purpose server scripting language especially suited for Web development and can be embedded into HTML. |
| Saturday July 21, 2007 | 1.5 | **Book:** Head First HTML with CSS & XHTM, by Freeman.<br>Chapter 14: [pages 624 - 638]. |
| Sunday July 22, 2007 | 1.5 | **Read** Week 5 Online references at:<br>http://www.w3schools.com/html/html_forms.asp<br>**Book:** Head First HTML with CSS & XHTM, by Freeman.<br>Chapter 3: [pages 102 - 108]. |
| Monday July 23, 2007 | 2.75 | **Read** Week 6 Online references at: |

**Read** Online material of Introduction To HTML class "Lesson and Discussion -Week 5-Forms & Validation" at **http://www.eclasses.org/**

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| Tuesday July 24, 2007 | 2.25 | **Read** Week 5 Online references at:<br>http://htmlhelp.org/reference/html40/olist.html (**Forms**)<br>http://www.w3.org/TR/html401/interact/forms.html<br>http://www.dtheatre.com/scripts/<br>http://www.scriptarchive.com/formmail.html<br>http://www.htmlhelp.com/tools/validator/ |
| Wednesday July 25, 2007 | 5.25 | **Finished Fifth** week homework for Introduction to HTML class.   Posted it online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/form.html<br>**Installed ScreenHunter 5.0** - screen capture software to take screenshots from:<br>http://wisdom-soft.com/products/screenhunter_free.htm |
| Thursday July 26, 2007 | 1.0 | **Corrected Fifth** week homework for Introduction to HTML class.  Resubmitted it online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/form.html |
| Friday July 27, 2007 | 1.75 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Appendix: [pages 639 - 650].<br>**Read** Online references at:<br>http://www.w3schools.com/html/html_frames.asp |
| Saturday July 28, 2007 | 2.0 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 8: [pages 285 - 315]. |
| Sunday July 29, 2007 | 2.25 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 8: [pages 316 - 340]; Chapter 9: [pp 341 - 350]. |
| Monday July 30, 2007 | 3.5 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 9: [pages 351 - 384].<br>**Read** Online material of Introduction To HTML class "Lesson and Discussion -Week 6-Lists & Character Entities" at **http://www.eclasses.org/**<br>**Read** Week 6 Online references at:<br>http://www.w3.org/TR/html401/sgml/entities.html<br>http://www.htmlhelp.com/reference/html40/entities/latin1.html<br>http://www.htmlhelp.com/reference/html40/entities/symbols.html or<br>http://www.htmlhelp.com/reference/html40/entities/special.html<br>http://www.w3.org/TR/html401/index/elements.html<br>http://www.w3schools.com/html/html_entities.asp |
| Tuesday July 31, 2007 | 4.75 | **Read** Week 6 Online references at:<br>http://htmlhelp.org/reference/html40/olist.html - **(List section)**<br>**Finished Sixth** week homework for Introduction to HTML class.  Posted it online at:<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/page1.html<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/page2.html<br>http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/page3.html |

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|---|---|---|
| Wednesday August 1, 2007 | 0.5 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 10: [pages 385 - 387]. |
| Thursday August 2, 2007 | 3.25 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 10: [pages 388 - 428]. |
| Friday August 3, 2007 | 2.75 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 11: [pages 429 - 467]. |
| Saturday August 4, 2007 | 1.25 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 11: [pages 468 - 475]. |
| Sunday August 5, 2007 | 2.0 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 11: [pp 476 - 486]. Chapter 7: [pp 265 - 284]. |
| Monday August 6, 2007 | 6.75 | **Read** Online material of Introduction To HTML class "Lesson and Discussion -Week 7-Basics of CSS" at **http://www.eclasses.org** **Read** Week 7 Online references at: http://www.w3.org/Style/CSS/ http://www.htmlhelp.com/reference/css/properties.html http://www.w3.org/TR/REC-CSS1-961217 **(CSS, level 1)** http://www.w3.org/TR/1998/REC-CSS2-19980512/ **(CSS, level 2)** http://www.eskimo.com/~bloo/indexdot/css/index.html **Working on Seventh** week homework for Introduction to HTML class. |
| Tuesday August 7, 2007 | 1.75 | **Finished Seventh** week homework for Introduction to HTML class. Posted it online at: http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/style1.html http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/style2.html http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/style3.html http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/mystyles.css |
| Wednesday August 8, 2007 | 1.75 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 12: [pages 487 - 503]. |
| Friday August 10, 2007 | 1.25 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 12: [pages 504 - 514]. |
| Saturday August 11, 2007 | 1.25 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 12: [pages 515 - 527]. |
| Sunday August 12, 2007 | 1.75 | **Book:** Head First HTML with CSS & XHTM, by Freeman. Chapter 12: [pages 528 - 548]. |
| Monday August 13, 2007 | 2.5 | **Working on Final** week project for Introduction to HTML class. |
| Tuesday August 14, 2007 | 6.5 | **Continue-Working on Final** week project for Introduction to HTML lass. |

Wednesday August 15, 2007          3.0          **Finished Final** week project for Introduction to HTML class.  Posted it online at:     (project comprised of seven pages)

http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/enter.html
http://mysite.verizon.net/vzep5yt1/IntroHTMLHomework/lebanon.css

## End Of Introduction To HTML course

*Total = 121.25 hrs*

*********End Of Introduction To HTML**********
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