

This document tracks the time I spent to learn the Online Course "HTML Level II", course number H102.27 taken at <http://www.eclasses.org/> from reading the text book, reading online resources, software installations, programming and debugging.

These online classes are primarily conducted via the web board interface - called Web Crossing. You can take a Virtual Tour of an Online Classroom at <http://www.eclasses.org/Demo/>

(note: the ".27" in H102.51 refers to the number of times the course has been given).

Amount of time I spent on the FINAL PROJECT = 82+ hrs.

Total number of hours I spent (details below) = 162.25 hrs.

*******Course Description*******

HTML Level II - course number H102.27

Start Date: 15-October-2007; **Duration:** 8 weeks; **CEUs:** 4.0; **Course Number:** H102.27; **Instructor:** Chimene Long; **Co-Instructor:** Karen Plummer

This course covers the Strict DTD of HTML 4.01. During the eight weeks, students will develop a web site of their choosing, become familiar with the HTML 4.01 Strict, understand how to use basic CSS for presentation and produce valid markup.

The class covers complex table structure, image maps, forms, accessibility awareness, and a short introduction to Javascript. Incorporating multimedia files are also briefly covered. CSS is discussed on a basic level and the goal is to introduce students to tools that enhance HTML.

How eClasses Work

The classroom environment is based on Lundeen & Associates Web Crossing technology, a threaded messaging system. Instructors post lectures, reading selections, and hands-on assignments once a week in the online classroom. Students can discuss the assignments with the instructor and amongst themselves in the classroom area. **This format has no set meeting time**, which allows students to attend class at a time most convenient to them, yet still provides logically organized communication between class participants. Students can apply for the completion certificate after finishing the class. Web Study certificate is also available. Click on the Certificates link on the top navigation bar for more information.

About eClasses.Org - Affordable Web Technology Learning

Since 1998 eClasses.Org has provided the very best in online training to 45,000 Web developers and other professionals. It offers a catalog of 40 online courses covering the breadth of Web work, from HTML to Flash; from CSS to XML. All classes are taught by fellow experts and working professionals in the field.

- Online, instructor-led web technology classes
- Affordable and flexible learning solution

4 Web certificate programs

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Course Outline

Week 1: Validation, Planning and CSS

- Differences between Transitional and Strict DTDs
- Basics of CSS for Strict documents
- Planning a website
- Validating documents

Week 2: META Elements and Accessibility

- What are meta elements?
- How do users access the web?
 - Usability
 - Accessibility
- Creating a 3-page website

Week 3: Complex Tables and Lists

- Properly nested tables
- Complex list structure

Week 4: Image Maps and Phrase Elements

- Creating an image map for a website
- Using phrase elements effectively

Week 5: Multimedia

- Methods for embedding multimedia into a webpage

Week 6: Javascript Basics

- Event Handlers
- Status bar messages
- Images rollovers

Week 7: Forms

- Creating basic forms for website

Week 8: Domain Names, Search Engines, Wrap up

- Discussion on domain names and search engines
- Final project site submission

Prerequisites:

Students must have basic HTML, as covered in this course: Introduction to HTML, or similar knowledge. Although knowledge of CSS is not required, it is encouraged. The course will cover only the basics of CSS.

Requirements:

Students must have webspace where they can post their assignments. Students will need to have at least two browsers installed on their computer. Current versions of Internet Explorer, Firefox, Opera, Safari, or Mozilla are recommended.

Books: *(I bought the sixth edition of the required book-instead of the Fifth).*

Required Book: HTML and XHTML: The Definitive Guide, **Sixth** Edition, by [Chuck Musciano](#), [Bill Kennedy](#), (678 pp), ISBN: 0596527322, Oreilly, Oct 2006.

Suggested Book: [How to Do Everything with HTML and XHTML](#), by James Pence, (416 pp), ISBN: 0072231297, Oreilly, Nov 2003.

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Instructor: Chimene Long has been a web author for almost seven years and has sixteen years experience with computers. She has provided contract web design services and web accessibility consultation. She also has experience with various adaptive technology for clients with disabilities.

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Table of Contents:

Text Book: HTML and XHTML: The Definitive Guide, **Sixth** Edition, by [Chuck Musciano](#), [Bill Kennedy](#), (678 pp), ISBN: 0596527322, Oreilly, Oct 2006.

- Chapter 1: **HTML, XHTML, and the World Wide Web**
- Chapter 2: **Quick Start**
- Chapter 3: **Anatomy of an HTML Document**
- Chapter 4: **Text Basics**
- Chapter 5: **Rules, Images, and Multimedia**
- Chapter 6: **Links and Webs**
- Chapter 7: **Formatted Lists**
- Chapter 8: **Cascading Style Sheets**
- Chapter 9: **Forms**
- Chapter 10: **Tables**
- Chapter 11: **Frames**
- Chapter 12: **Executable Contents**

Chapter 13: **Dynamic Documents**

Chapter 14: **Mobile Devices**

Chapter 15: **XML**

Chapter 16: **XHTML**

Chapter 17: **Tips, Tricks, and Hacks**

Appendix A: **HTML Grammar**

Appendix B: **HTML/XHTML Tag Quick Reference**

Appendix C: **Cascading Style Sheet Properties Quick Reference**

Appendix D: **The HTML 4.01 DTD**

Appendix E: **The XHTML 1.0 DTD**

Appendix F: **Character Entities**

Appendix G: **Color Names and Values**

Appendix H: **Netscape Layout Extensions**

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Documentations: The documents - **file names** - that I wrote/created are:

1. TimeSpentToLearnHTML-Level2.rtf
2. HTML Level II - H102.27_Syllabus_Reading.rtf
3. HTML Level II - H102.27_Lessons and Discussions.rtf
4. HTML Level II - H102.27_Assignments.rtf
5. HTML Level II - H102.27_QuestionsandAnswers.rtf

Date	Time Spent (hrs)	Description (mainly)
Monday October 15, 2007	3.5	<p>Start of HTML Level II-course number H102.27 Reading and Documenting course materials at eClasses. org site at http://www.eclasses.org/ Documents created are located at: C:\Documents and Settings\boutros\My Documents\My Programs\eClasses.Org\Course_HTML Level II-H102.27\ Documented Week1 Online Lectures of HTML Level II class - Overview - at http://www.eclasses.org/</p>
Wednesday October 17, 2007	2.5	<p>Reading Week1 -Validation, Planning, CSS- Online Lectures of HTML Level II class - Overview - at http://www.eclasses.org/ Installed Lynx Viewer from: http://www.delorie.com/web/lynxview.html Installed Lynx Web Browser from:http://lynx.browser.org/ ; Lynx is a text browser for the World Wide Web. Read, HTML2, Online References for: HTML: http://www.w3.org/TR/html401/ > HTML 4.01 Recommendation http://www.w3.org/TR/html401/index/elements.html >HTML Elem. http://www.w3.org/TR/html401/index/attributes.html >HTML Att. http://www.htmlhelp.com/reference/html40/ >Web Design Group http://www.w3schools.com/html/ >W3Schools HTML Tutorials Cascading Style Sheets:</p>

<http://www.w3.org/TR/CSS21/> >CSS 2.1 Specifications
<http://www.css-discuss.org/> >CSS Discussion List
<http://www.meyerweb.com/eric/css/> >Eric Meyer's CSS Articles
<http://www.htmlhelp.com/reference/css/> >Web Design Group, CSS
<http://www.hwg.org/resources/faqs/cssFAQ.html#css> >HTML Writers
Accessibility and Usability:
<http://www.webaim.org/>...>WebAIM (Web Accessibility in Mind)
<http://bobby.watchfire.com/bobby/html/en/index.jsp...>>.Accessibility Tool
<http://www.contentquality.com/> >Cynthia Says Portal
<http://www.w3.org/WAI/> >W3C Web Accessibility Initiative
<http://trace.wisc.edu/world/web/> >Designing More Usable Web Sites
<http://usableweb.com/> >Usable Web
<http://www.informationweek.com/773/web.htm> ..>Web Usability

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| Thursday October 18, 2007 | 4.0 | Finished-Reading Week1 Online Lectures of HTML II class - Overview - at http://www.eclasses.org/
Installed HomeSite 5.5 from:
http://www.adobe.com/products/homesite/
HomeSite 5.5 provides a code-only editor for web development.
Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 8: [pages 230 - 251]. |
| Friday October 19, 2007 | 4.5 | Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 8: [pages 252 – 310]. |
| Saturday October 20, 2007 | 4.0 | Working on First week Homework for HTML Level II class. (This is part of the final project). Posted it online at:
http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/Wk1Hw.html |
| Sunday October 21, 2007 | 4.5 | Finished First week Homework for HTML Level II class. (This is part of the final project). Posted it online at:
http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/Wk1Hw.html |
| Thursday October 25, 2007 | 6.75 | Read Week2 -Planning a website. Meta Tags, Navigation and others-
Online Lectures of HTML Level II class at http://www.eclasses.org/
Read HTML2 class -Week2- Online references at:
http://www.w3.org/TR/REC-html40/struct/global.html#h-7.4.4
http://www.useit.com/alertbox/9710a.html
http://www.w3.org/WAI/intro/accessibility.php
http://webdesign.about.com/od/accessibility/a/aa062804.htm
http://www.htmlhelp.com/design/accessibility/tips.html
http://www.access-board.gov/508.htm
http://www.jimthatcher.com/webcourse1.htm
http://www.ookingdom.com/design/accessible
http://www.mc.cc.md.us/Departments/dispsvc/universal_design.html
http://www.csszengarden.com/
http://www.oswd.org/ |
| Friday October 26, 2007 | 4.25 | Working on Second week Homework for HTML Level II class. (This is part of the final project). |
| Saturday October 27, 2007 | 2.75 | Working on Second week Homework for HTML Level II class. (This is part of the final project). |
| Sunday October 28, 2007 | 10.25 | Finished Second week Homework for HTML Level II class. (This is part of the final project). Posted it online at:
http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/welcome.html |

Monday October 29, 2007	3.5	Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Appendix H: [pp 611 – 632]; Chapter 17: [pp 509 - 523].
Tuesday October 30, 2007	2.25	Reading Week3 -Nested Tables and Nested Lists- Online Lectures of HTML Level II class at http://www.eclasses.org/
Wednesday October 31, 2007	6.75	Finished-Reading Week3 -Complex Tables and Lists- Online Lectures of HTML Level II class at http://www.eclasses.org/ Finished Third week Homework for HTML Level II class. Posted it online at: http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/Wk3/NestedList.html http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/Wk3/NestedTable.html
Friday November 2, 2007	2.5	Read HTML2 class -Week3- Online references at: http://www.goer.org/HTML/advanced/tables/ http://www.goer.org/HTML/basic/lists/ Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 7: [pp 211 - 229]; Chapter 10: [pp 359 - 390].
Saturday November 3, 2007	4.75	Working on My Final Project for HTML Level II class. Location online is at: http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/WorkOnFinalProject/welcome.html
Sunday November 4, 2007	3.5	Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 6: [pages 159 - 198].
Monday November 5, 2007	4.5	Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 6: [pages 199 - 210]. Read Online references at: http://www.december.com/html/demo/imagemap.html http://www.extension.iastate.edu/HTML/IMAP/ http://zorak.best.vwh.net/imagemap/ Installed <i>MapEdit</i> from: http://www.boutell.com/mapedit/ <i>MapEdit</i> is imagemap editing software. It is a graphical editor that allows the user to make clickable image maps for the World Wide Web.... Installed <i>Ist Page 2000</i> from: http://www.depiction.net/downloads/ <i>Ist Page 2000</i> is a fully-featured HTML and script authoring tool which includes all the functions you would like to have in an HTML editor.
Tuesday November 6, 2007	7.75	Read Week4 - Image Maps, Phrase Elements, DIR and LANG- Online Lectures of HTML Level II class at http://www.eclasses.org/ Finished Fourth week Homework for HTML Level II class. (This is part of the final project). Posted it online at: http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/WorkOnFinalProject/welcome.html
Wednesday November 7, 2007	2.0	Posted Fourth week peer review One for HTML Level II class. Installed <i>Ist Page 2006</i> from: http://www.evrsoft.com/download.shtml <i>Ist Page 2006</i> is an upgrade from <i>Ist Page 2000</i> .
Thursday November 8, 2007	1.0	Working on My Final Project for HTML Level II class.
Friday November 9, 2007	4.5	Working on My Final Project for HTML Level II class. Posted Fourth week peer review Two and Three for HTML

Level II class.

Read HTML2 class -Week4- Online references at:

<http://www.w3.org/TR/REC-html40/struct/text.html> >Phrase Elements

<http://www.w3.org/TR/REC-html40/struct/dirlang.html> >Language Info & text

<http://www.depiction.net/tutorials/html/imagemaps.php> >Image map tutorial

- Sunday November 11, 2007 1.5 **Working on My Final Project** for HTML Level II class.
Installed *IcoFX* freeware icon editor from: <http://icofx.xhost.ro/>
- Wednesday November 14, 2007 1.5 **Read** HTML2 class -Week5- Online references at:
<http://www.alistapart.com/articles/flashesatay/>
http://www.htmlgoodies.com/tutorials/web_graphics/article.php/3480061
<http://www.boutell.com/newfaq/creating/audio.html>
Installed *Audacity* which is a free, open source software for recording and editing sound at: <http://audacity.sourceforge.net/>
- Thursday November 15, 2007 4.5 **Read** Week5 - Multimedia - **Online Lectures** of HTML Level II class at <http://www.eclasses.org/>
Finished Fifth week Homework for HTML Level II class.
(This is part of the final project). Posted it online at:
<http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/WorkOnFinalProject/welcome.html>
- Saturday November 17, 2007 2.75 **Book:** HTML and XHTML: The Definitive Guide, 6th, by [Chuck M.](#), et al. Chapter 5: [pages 109 - 140].
Working on My Final Project for HTML Level II class.
- Sunday November 18, 2007 1.75 **Book:** HTML and XHTML: The Definitive Guide, 6th, by [Chuck M.](#), et al. Chapter 5: [pages 141 - 158].
- Friday November 23, 2007 2.5 <http://www.eclasses.org/>
Read HTML2 class -Week6- Online references at:
<http://www.htmlcenter.com/tutorials/tutorials.cfm/79/Javascript/>
<http://www.webdevelopersnotes.com/tips/html/42.php3>
<http://www.htmlcenter.com/tutorials/tutorials.cfm/84/Javascript/>
- Saturday November 24, 2007 6.25 **Read** Week 6 - JavaScript - **Online Lectures** of HTML Level II class at: <http://www.eclasses.org/>
Read HTML2 class -Week6- Online references at:
<http://www.eborcom.com/webmaker/tutorials/rhoque/event2.html>
Finished Sixth week Homework for HTML Level II class.
(This is part of the final project). Posted it online at:
<http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/WorkOnFinalProject/welcome.html>
- Sunday November 25, 2007 1.75 **Book:** HTML and XHTML: The Definitive Guide, 6th, by [Chuck M.](#), et al. Chapter 12: [pages 413 - 418].
- Monday November 26, 2007 3.5 **Book:** HTML and XHTML: The Definitive Guide, 6th, by [Chuck M.](#), et al. Chapter 12: [pp 419 - 446]; Chapter 13: [pp 447 - 456].
- Tuesday November 27, 2007 1.5 **Read** Week 7 - Forms - **Online Lectures** of HTML Level II class at: <http://www.eclasses.org/>
- Thursday November 29, 2007 3.75 **Read** HTML2 class -Week7- Online references at:
<http://www.w3.org/TR/html4/interact/forms.html>
<http://www.htmlhelp.com/faq/html/forms.html>
<http://www.jimthatcher.com/webcourse8.htm>
<http://www.quirksmode.org/js/forms.html>

<http://www.quirksmode.org/dom/error.html>
<http://www.quirksmode.org/js/formex.html>
<http://bignosebird.com/cgi.shtml>
http://www.w3schools.com/html/html_forms.asp

Friday November 30, 2007	4.75	Finished Seventh week Homework for HTML Level II class. Posted it at: http://mysite.verizon.net/vzep5yt1/HTMLlevelIIHomework/Wk7Hw.html
Wednesday December 5, 2007	2.25	Read Week 8 -Domain Names, Search Engines- Online Lectures of HTML Level II class at http://www.eclasses.org/ Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 9: [pages 311 - 316].
Thursday December 6, 2007	2.25	Read HTML2 class -Week8- Online references at: http://en.wikipedia.org/wiki/Domain_name_system http://en.wikipedia.org/wiki/Search_engines http://en.wikipedia.org/wiki/Web_directories http://www.pandia.com/marketing101/index.html http://searchenginewatch.com/showPage.html?page=2167961 http://www.alistapart.com/articles/accessibilityseo http://www.searchengines.com/industry/optimize_guide.html
Friday December 7, 2007	3.0	Working on My Final Project for HTML Level II class.
Saturday December 8, 2007	3.75	Working on My Final Project for HTML Level II class.
Sunday December 9, 2007	2.0	Working on My Final Project for HTML Level II class.
Monday December 10, 2007	2.25	Working on My Final Project for HTML Level II class.
Tuesday December 11, 2007	3.25	Working on My Final Project for HTML Level II class. Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 9: [pages 312 - 328].
Wednesday December 12, 2007	6.5	Working on My Final Project for HTML Level II class.
Thursday December 13, 2007	1.25	Finished my Final Project for HTML Level II class. Posted it online at: http://mysite.verizon.net/boutros/HTMLlevelIIHomework/FinalProject/welcome.html
Friday December 14, 2007	2.25	Backing up source codes for some HTML Level II projects.
Saturday December 15, 2007	1.0	Continue-Backing up source codes for some HTML Level II projects.
Sunday December 16, 2007	1.75	Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 9: [pages 329 - 348].
Monday December 17, 2007	0.5	Book: HTML and XHTML: The Definitive Guide, 6th , by Chuck M. , et al. Chapter 9: [pages 349 - 353].
Tuesday December 18, 2007	3.0	Continue-Backing up source codes for some HTML Level II projects.

Learned source code from: <http://www.dell.com/> & <http://www.hp.com/>

Read Online references at:

http://en.wikipedia.org/wiki/Apache_HTTP_Server

<http://httpd.apache.org/>

http://en.wikipedia.org/wiki/Common_Gateway_Interface

Wednesday December 19, 2007

2.0

Read Online references at:

<http://hoohoo.ncsa.uiuc.edu/cgi/intro.html>

<http://hoohoo.ncsa.uiuc.edu/cgi/>

<http://hoohoo.ncsa.uiuc.edu/cgi/forms.html>

Book: HTML and XHTML: The Definitive Guide, 6th, by [Chuck M.](#),
et al. Chapter 9: [pages 354 - 358].

Total = 162.25 hrs

*******End Of HTML Level II*******
