

This document tracks the time I spent to learn the Online Course "**Intermediate CSS Workshop**", course number **H152.31** taken at <http://www.eclasses.org/> from reading the text book, reading and documenting online lectures, reading online resources, software installations, designing, 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 ".31" in H152.31 refers to the number of times the course has been given).

Total number of hours I spent on Intermediate CSS Workshop (details below) = 98.5 hrs

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

Intermediate CSS Workshop - course number H152.31

Start Date: 26-May-2009; **Duration:** 6 weeks; **CEUs:** 3.0; **Course Number:** H152.31; **Instructor:** Chimene Long

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

Curently eClasses.Org offer over 60 online instructor-led courses and 4 Web certificates. Our courses are for both casual and professional interest in the areas of Web Design, Web Programming, and eCommerce. The main benefit of our courses is the interaction among you, your instructor and other students in classroom (online message board). Students can post comments or questions to the instructor or other students, share ideas, communicate about your learning experience, or discuss topics of the course with other interested students.

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Course Outline: Intermediate CSS Workshop: This class is presented in a workshop format. After a short review of some basics and coverage of a few new topics, the workshop focus is on real-world CSS issues and applications. Weeks one and two review some material from Intro to CSS (H151) and introduce some new material for application during the workshop. Weeks three through six focus on projects from the required text, Eric Meyer on CSS. Students may choose to create a new Web site for the workshop or may use an existing site to apply the concepts learned throughout the class. The final project requires the conversion of an existing Web page and the application of the concepts and techniques learned during the workshop. Valid CSS and (X)HTML markup are required throughout the entire class.

Outline

Week 1: Review and validation

- Back to Basics - Validation and DOCTYPEs
- Brush up on CSS validation
- Solve CSS validation problems
- Practice using different DOCTYPEs and rendering modes

Week 2: Specificity and Liquid Design

- Specificity, Inheritance, and Liquid Design
- Compute specificity and inheritance
- Learn what liquid design is all about
- Apply liquid design principles to (X)HTML markup using CSS

Week 3: Styling Hyperlinks

- Styling Links and Menus
- Learn the use and importance of link-related pseudo-classes
- Practice styling both text and image hyperlinks on an (X)HTML Webpage/site
- Create a menu for an (X)HTML Web page/site

Week 4: Print Stylesheets

- Media-Specific Styles
- Explore various media-specific styling techniques
- Consider best approach to print-specific styles
- Create a print stylesheet for your class Web site

Week 5: Multi-Column Layouts

- Multi-Column Layouts
- Learn various CSS methods for two- and three-column layouts
- Apply a two- or three-column layout using CSS

Week 6: Converting old pages to CSS-based layouts

- Final Project
- Apply concepts learned throughout the course to a Web page
- Select an existing Web page to apply what we have learned in the class. Convert the page using concepts learned during the class. Page must include: Valid (X)HTML and CSS, Consistent styles, Liquid design, Hyperlink and menu styles, Separate print styles, and Multicolumn layout

Prerequisites: H151, Introduction to CSS, or equivalent knowledge of CSS is a prerequisite for this course.

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

Required Book: [Eric Meyer on CSS: Mastering the Language of Web Design](#) [ISBN: 073571245X; **Publisher:** New Riders Publishing; **Pub.Date:** June 28, 2002

Suggested Book: [Cascading Style Sheets: The Definitive Guide, 2nd Ed.](#)] ISBN: 0596005253; **Publisher:** O'Reilly & Associates Inc; **Pub.Date:** March 2004

Suggested Book: [Sams Teach Yourself CSS in 24 Hours](#) ISBN: 0672324091; **Publisher:** Sams; **Pub.Date:** July 10, 2002

Additional Cost: Book and software might be required for the course. Read the Requirements and Book section for more information. Course fee does not include the book and software cost .

Start Date: Click on the Register Now button to proceed to the registration page. You will see the start date of the class on that page. To get the start date of other courses, click on Open Classes link on the top navigation bar.

Why choose eClasses?

- ♣ **Convenience:** Complete all courses via the Internet.
- ♣ **Flexibility:** Attend classes at anytime and from anywhere you would like to.
- ♣ **Instructor-Led Education:** Our instructors will help you with assignment questions, provide you additional resources, and keep you up-to-date with rapidly changed internet technologies.
- ♣ **Affordable:** We provide high quality courses with much lower tuition than other training organizations.

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.

How eClasses Work

About the Classroom The classroom environment is based on Web Crossing technology, a threaded messaging system (message board). Instructors post lectures, reading assignment, and hands-on assignment once a week. Classes start on a certain date but this format has no set meeting time, which allows students to attend class at a time most convenient to them. Students only need to complete the assignment within one week and continue with another assignment in the following week.

The main benefit of our classes is the interaction among you, your instructor and other students in classroom (online message board). Students can post comments or questions to the instructor or other students, share ideas, communicate about your learning experience, or discuss topics of the course with other interested students.

How to Access Your Classroom After you register for a class, you will get a receipt email and an instructional email. Simply follow the instructions to add yourself to the classroom (or grant yourself access to the classroom). After that, you can access your classroom at <http://interact.eclasses.org/cgi-bin/WebX?15@@>

How to Use the Classroom The classroom is organized by folders and discussion. A folder is like a folder or directory on your hard disk. It contains discussions or other sub-folders. Every folder has a title and a heading which describe the folder. On top of each page, there is the path of the current folder, so you can see where you are. If you click on any folder or you will go to that page. Take a look at our [DEMO](#) to see how the classrooms look like.

A discussion has a title and heading that describe its purpose. Discussions are not 'chat-rooms', they are more like organized electronic mail. You can browse a discussion and post a message at any time. To post a message, just scroll down to the message form at the end of each discussion. Fill in the form, and then click on the 'Post Message' button following the form.

Someone else will see your post later, when they are browsing or when they check for new messages. You can always read the whole discussion from beginning to end, so you never have to wonder what people are talking about. Because a discussion may have many of messages posted to it, long discussions are split into smaller pieces. In a long discussion, you'll see buttons at the top and/or bottom that let you go back and forth.

The system automatically keeps track of messages as you view them. When you see a discussion in a folder, the listing includes how many messages are in the discussion, and how many are new messages. There is another way to check for new messages, through your 'Subscription List'. After you subscribe to a discussion or folder, you can later check your subscription list at any time. You'll then be shown the first new message, discussion, or folder that has been added since you last checked.

What are CEUs? One Continuing Education Unit (CEU) is generally defined as ten contact hours of participation in an organized continuing education experience under responsible sponsorship and qualified instruction. For instructor-led online

learning, each course is assigned a number of CEUs for that course which may not relate to the total number of hours an individual takes to complete the course. The number of CEUs awarded is the average number of hours required to complete a course.

Class Schedule Almost every week, a group of classes is open for registration. A class is open about 1-2 months prior to its start date. Click on the Open Classes link to see the list of classes that are open for registration now. The same class is offered every 2-3 months.

If you are interested in a class but it's not on the Open Classes list, you can click on Class Catalog link and go to the description page for the class. Then click on Register Now button and put in your email address. We will send you an email when the class is open.

Student Center is another online system which requires a different password (which students selected when they first register.) Below is the list of what you can do in the Student Center:

- Grant yourself access to your registered courses
- Register for new eClasses
- Get the list of your previous and current courses
- Get your payment history
- Check your final grades
- Apply for class completion certificates
- Apply for Web Study certificates
- Check your Web Study certificate application status
- Retake courses at special prices
- Update your email and mailing address

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

1. TimeSpentToLearnIntermediateCSSWorkshop.doc
2. Most Documents are in *.html (or *.htm) format

DOCTYPE Switching in Detail

Table 2 provides a sampling of **DOCTYPEs** and the effect they'll have in the various Web browsers that recognize **DOCTYPE** switching at all.

And the Other Browsers? Netscape Navigator 4.x came long before **DOCTYPE** switching was even conceived, so it should be assumed that it's always in quirks mode (and a buggy form of it at that). Opera 6 and earlier versions do not bother with **DOCTYPE** switching and should be assumed to be in standards mode. Note that Opera might still have bugs, but its behavior is very close to the standards modes of other browsers.

Table 2 **DOCTYPE** Switching in Various Browsers

DOCTYPE	IE6/Win	IE5/Mac	NS6.x
No DOCTYPE provided	Q	Q	Q

Unknown <code>DOCTYPE</code>	S	S	Q
HTML 2.0	Q	Q	Q
HTML 3.2	Q	Q	Q
HTML 4.0 Frameset	Q	Q	Q
HTML 4.0 Frameset + URI	S	S	Q
HTML 4.0 Transitional	Q	Q	Q
HTML 4.0 Transitional + URI	S	S	Q
HTML 4.0 Strict	S	S	S
HTML 4.0 Strict + URI	S	S	S
HTML 4.01 Frameset	Q	Q	Q
HTML 4.01 Frameset + URI	S	S	S
HTML 4.01 Transitional	Q	Q	Q
HTML 4.01 Transitional + URI	S	S	S
HTML 4.01 Strict	S	Q	S
HTML 4.01 Strict + URI	S	S	S
Any known XHTML	S	S	S
Any known XHTML + URI	S	S	S

S = standards mode Q = Quirks mode

The mechanism of `DOCTYPE` switching is, at its core, fairly sensible and straightforward:

1. Documents with older or Transitional `DOCTYPEs` (or no `DOCTYPE` at all) are displayed using the "loose rendering" or "quirks" mode. This mode, also called "bugwards" compatibility, emulates legacy bugs and behaviors of version 4 browsers.
2. Documents with Strict or XHTML `DOCTYPEs` are displayed using the "strict rendering" mode. This mode follows W3C specifications for HTML, CSS, and other layout languages as closely as possible.

The following table summarizes CSS 2.1 selector syntax:

Pattern	Meaning	Described in section
*	Matches any element.	Universal selector
E	Matches any E element (i.e., an element of type E).	Type selectors
E F	Matches any F element that is a descendant of an E element.	Descendant selectors
E > F	Matches any F element that is a child of an element E.	Child selectors
E:first-child	Matches element E when E is the first child of its parent.	The :first-child pseudo-class
E:link E:visited	Matches element E if E is the source anchor of a hyperlink of which the target is not yet visited (:link) or already visited (:visited).	The link pseudo-classes
E:active E:hover E:focus	Matches E during certain user actions.	The dynamic pseudo-classes
E:lang(c)	Matches element of type E if it is in (human) language c (the document language specifies how language is determined).	The :lang() pseudo-class
E + F	Matches any F element immediately preceded by a sibling element E.	Adjacent selectors
E[foo]	Matches any E element with the "foo" attribute set (whatever the value).	Attribute selectors
E[foo="warning"]	Matches any E element whose "foo" attribute value is exactly equal to "warning".	Attribute selectors
E[foo~="warning"]	Matches any E element whose "foo" attribute value is a list of space-separated values, one of which is exactly equal to "warning".	Attribute selectors
E[lang="en"]	Matches any E element whose "lang" attribute has a hyphen-separated list of values beginning (from the left) with "en".	Attribute selectors
DIV.warning	<i>Language specific.</i> (In HTML, the same as DIV[class~="warning"].)	Class selectors
E#myid	Matches any E element with ID equal to "myid".	ID selectors

Date	Time Spent (hrs)	Description (mainly)
Sunday May 24, 2009	0.5	<p>Start of Intermediate CSS Workshop -course number H152.31 Read and documented course materials at http://www.eclasses.org/ Documents created are located at: C:\Users\boutros\Documents\MyPrograms\eClasses.Org\Course_IntermediateCSSWorkshop_H152.31</p>
Monday May 25, 2009	3.0	<p>Documented Week1 Online Lectures of Intermediate CSS Workshop class at http://www.eclasses.org/ + others.</p>
Tuesday May 26, 2009	2.0	<p>Read Week1 Online required references: http://www.thenoodleincident.com/tutorials/box_lesson/validation.html http://www.ericmeyeroncss.com/bonus/render-mode.html http://jigsaw.w3.org/css-validator/manual.html http://www.websitedev.de/css/validator-faq http://www.w3.org/TR/CSS21/selector.html http://hsivonen.iki.fi/doctype/ http://www.glish.com/css/home.asp</p>
Wednesday May 27, 2009	1.5	<p>Read Week1 Online optional references: http://www.w3.org/TR/CSS21/cascade.html#cascade http://gutfeldt.ch/matthias/articles/doctypeswitch.html http://www.alistapart.com/articles/whereourstandardswentwrong http://www.joedolson.com/articles/2007/01/beyond-validation/ http://archivist.incutio.com/viewlist/css-discuss/ http://www.d.umn.edu/itss/support/Training/Online/webdesign/css.html Read Week1 Online Lectures of Intermediate CSS Workshop class at http://www.eclasses.org/ + others. Read Warning References for the course: http://www.w3.org/TR/WCAG10-CSS-TECHS/#style-color-contrast http://www.w3.org/TR/CSS21/colors.html http://www.w3.org/TR/WCAG20-CSS-TECHS/#fonts http://www.htmlhelp.com/reference/css/all-properties.html#color http://www.w3.org/TR/WCAG10-CSS-TECHS/#style-fonts http://www.w3.org/TR/WCAG20-CSS-TECHS/#fallback-font http://www.w3.org/TR/CSS21/fonts.html#font-family-prop http://www.htmlhelp.com/reference/css/all-properties.html#background http://www.w3.org/TR/WCAG20-CSS-TECHS/#good-contrast http://tantek.com/CSS/Examples/boxmodelhack.html</p>
Thursday May 28, 2009	4.5	<p>Working on week 1 Project for Intermediate CSS Workshop class.</p>
Friday May 29, 2009	3.25	<p>Working on week 1 Project for Intermediate CSS Workshop class.</p>
Saturday May 30, 2009	2.0	<p>Finished week 1 Project. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week1/project_wk1.html</p>
Tuesday June 2, 2009	2.5	<p>Documented Week2 Online Lectures of Intermediate CSS Workshop class at http://www.eclasses.org/ Finished Peer reviews for 2 students for week 1 Project. Posted them in the classroom area.</p>
Wednesday June 3, 2009	2.25	<p>Read Week2 Online required references: http://www.sitepoint.com/article/liquid-design/ Finished a second version of the week1 project. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week1/wk1_project.html</p>

Thursday June 4, 2009

2.5

Read Week2 Online required references:

<http://green-beast.com/blog/?p=199>
http://www.tjkdesign.com/articles/one_html_markup_many_css_layouts.asp
<http://meyerweb.com/eric/articles/webrev/200006a.html>
<http://meyerweb.com/eric/articles/webrev/200006b.html>
<http://www.w3.org/TR/CSS21/selector.html>
<http://www.chimencricket.com/intcss/matching.html>

Friday June 5, 2009

3.25

Read Week2 Online required references:

<http://meyerweb.com/eric/articles/webrev/200007a.html>

Read Week2 Online optional references:

<http://meyerweb.com/eric/css/link-specificity.html>
<http://www.w3.org/TR/CSS21/cascade.html#specificity>
<http://www.ericmeyeroncss.com/bonus/trick-hide.html>
http://w3development.de/css/hide_css_from_browsers/summary/
<http://www.evolt.org/article/rating/20/15177/>
<http://www.mardiros.net/liquid-design.html>
<http://www.cssliquid.com/templates/>
<http://www.addedbytes.com/css/faux-columns-for-liquid-layouts/>

Read Week2 Online Lecture of Intermediate CSS Workshop

class at <http://www.eclasses.org/>
Working on week 2 Project for **Intermediate CSS Workshop** class.
http://www.tjkdesign.com/articles/one_html_markup_many_css_layouts.asp
Installed Amaya 1.1. Amaya is W3C's Web editor and browser. From <http://www.w3.org/Amaya/>

Sunday June 7, 2009

3.0

Working on week 2 Project for **Intermediate CSS Workshop** class.

Online Reference for the project:

<http://matthewjamestaylor.com/blog/perfect-3-column.htm>

Monday June 8, 2009

4.5

Finished week 2 Project for **Intermediate CSS Workshop** class.

Posted it online at:

http://bacsoftwareconsulting.com/intercsscourse/week2/project_wk2.html

Tuesday June 9, 2009

2.0

Documented Week3 **Online Lectures** of **Intermediate CSS Workshop** class at <http://www.eclasses.org/>

Finished Peer reviews for 1 student for week 2 Project. Posted it in the classroom area.

Wednesday June 10, 2009

1.0

Documented Week3 **Online Lectures** of **Intermediate CSS Workshop** class at <http://www.eclasses.org/>

Read Week3 Online optional references:

<http://www.w3.org/TR/CSS21/selector.html#link-pseudo-classes>
<http://www.w3.org/TR/CSS21/selector.html#dynamic-pseudo-classes>
<http://www.cssplay.co.uk/menus/>

Finished Peer reviews for a second student for week 2 Project. Posted it in the classroom area.

Thursday June 11, 2009

3.25

Book: Eric Meyer on CSS - by Eric A. Meyer

Read Chapter 4 [pages 79 - 94]; Chapter 5 [pages 95 - 110].

Friday June 12, 2009

0.75

Book: Eric Meyer on CSS - by Eric A. Meyer

		Read Chapter 5 [pages 111 - 116].
Monday June 15, 2009	0.75	Read Week3 Online required references: http://www.ericmeyeroncss.com/projects/04/ http://www.ericmeyeroncss.com/projects/05/
Tuesday June 16, 2009	5.75	Working on week 3 Project for Intermediate CSS Workshop class. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week2/project_wk3.html
Wednesday June 17, 2009	5.25	Finished week 3 Project for Intermediate CSS Workshop class. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week3/project_wk3.html
Thursday June 18, 2009	1.5	Documented Week4 Online Lectures of Intermediate CSS Workshop class at http://www.eclasses.org/ Finished Peer reviews for week 3 Project. Posted in the classroom area.
Friday June 19, 2009	2.0	Read Week4 Online optional references: http://www.w3.org/TR/CSS2/media.html http://css-discuss.incutio.com/?page=PrintStylesheets http://www.alistapart.com/articles/goingtoprint/ http://www.alistapart.com/articles/alaprintstyles Read Week4 Online required references: http://www.ericmeyeroncss.com/projects/06/ Book: Eric Meyer on CSS - by Eric A. Meyer Read Chapter 6 [pages 117 - 120].
Saturday June 20, 2009	2.25	Book: Eric Meyer on CSS - by Eric A. Meyer Read Chapter 6 [pages 121 - 141].
Sunday June 21, 2009	4.0	Finished week 4 Project for Intermediate CSS Workshop class. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week4/project_wk4.html
Monday June 22, 2009	2.0	Finished Peer reviews for week 3 Project. Posted in the classroom area.
Tuesday June 23, 2009	3.5	Working on week 5 Project for Intermediate CSS Workshop class.
Wednesday June 24, 2009	3.0	Finished week 5 Project for Intermediate CSS Workshop class. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week5/project_wk5.html
Thursday June 25, 2009	2.0	Documented Week5 Online Lectures of Intermediate CSS Workshop class at http://www.eclasses.org/ Book: Eric Meyer on CSS - by Eric A. Meyer Read Chapter 9 [pages 185 - 205].
Friday June 26, 2009	2.75	Read Week5 Online optional references: http://css.researchkitchen.de/classpage/explaining-css-positioning.html http://www.bluerobot.com/web/layouts/

<http://www.positioniseverything.net/>
<http://glish.com/css/>
http://www.thenoodleincident.com/tutorials/box_lesson/boxes.html
Read Week5 Online required references:
<http://www.ericmeyeroncss.com/projects/09/>
Book: Eric Meyer on CSS - by Eric A. Meyer
Read Chapter 9 [pages 206 - 210].
Finished Peer review for one student for week 5 Project. Posted it in the classroom area.

Sunday June 28, 2009	1.75	Finished Peer review for another student for week 5 Project. Posted it in the classroom area. Working on week 6 Project for Intermediate CSS Workshop class.
Monday June 29, 2009	1.75	Working on week 6 Project for Intermediate CSS Workshop class.
Wednesday July 1, 2009	3.0	Working on week 6 Project for Intermediate CSS Workshop class.
Friday July 3, 2009	6.5	Working on week 6 Project for Intermediate CSS Workshop class.
Sunday July 5, 2009	2.25	Working on week 6 Project for Intermediate CSS Workshop class
Monday July 6, 2009	3.5	Finished week 6 Project for Intermediate CSS Workshop class. Posted it online at: http://bacsoftwareconsulting.com/intercsscourse/week6/project_wk6.html Finished Peer reviews for week 6 Project. Posted in the classroom area.
Tuesday July 7, 2009	1.0	Read Wee6 Online required references: http://www.ericmeyeroncss.com/projects/01/ http://www.digital-web.com/articles/web_page_reconstruction_with_css/ http://www.oreillynet.com/pub/a/javascript/2001/03/23/rollovers.html Book: Eric Meyer on CSS - by Eric A. Meyer Read Chapter 1 [pages 1 - 32].
Wednesday July 8, 2009	2.0	Documenting and reviewing other students Projects.

Total = 98.5 hrs

*** *End of Intermediate CSS Workshop* ***
