This document tracks the time I spent to learn the Online Course "**HTML Forms**", course number **H111.19** 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 ".17" in P183.17 refers to the number of times the course has been given).

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Total number of hours I spent (details below) = 66.25 hrs
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************Course Description*********
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HTML Forms – course number **H111.19**

Start Date: 17-March-2008; **Duration:** 4 weeks; **CEUs:** 2.0; **Course Number:** H111.19; **Instructor:** Peggi Rodgers

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: HTML Forms

HTML Forms covers forms, form objects, form validation and working with user input. This class will provide an understanding of how to design and layout HTML forms, how data is passed to functions for validation and submission, protecting your form fields from unwanted user input, creating valid forms and much more.

Week 1: Forms Coding Review & Form Objects

- Review HTML forms

- Putting it all together

- Form Objects

- Radio Buttons

- Checkboxes

- Text boxes

- Text fields

- Buttons

- Hidden fields

- List/menu

Week 2

- Forms Layout and Design

  o Planning your form

  o Effective use of form objects

  o Designing your form

  o Formatting your form

- XForms and Valid Coding

- Ensuring accessibility

- Looking at the future of forms (XForms)

- Validating forms for accessibility

Week 3

- Working with user input

  o Handling incorrect entries

  o Changing case on user entries

  o Coding radio buttons, drop down menus and checkboxes

- Validating user input

Week 4: Form submission

- Overview of using cgi scripts

- Using JavaScript: pros, cons, and security issues

- Using third party cgi services

- Using email: pros, cons, and security issues

Prerequisites

Students must have web space available to post assignments, and the ability to post their homework in that web space. A good understanding of basic HTML is required and knowledge of basic JavaScript beneficial although not required.

Requirements

Software Requirements: A plain text editor such as Notepad (PC), Wordpad or BBEdit (Mac). HTML editors such as Dreamweaver, FrontPage and GoLive may also be used for layout.

Required Book: **HTML & XHTML: The Definitive Guide**, **Sixth** Edition, by Chuck Musciano, Bill Kennedy, (678 pp), **ISBN**: 0596527322, **Publisher**: Oreilly, **Pub.Date**: October 2006.

Suggested Book: **JavaScript Concepts & Techniques** by Tina McDuffie, Paperback, **ISBN**: 1887902694, **Publisher**: Franklin Beedle & Assoc, **Pub.Date**: January 2003

Instructor: Peggi Rodgers

With over eight years of web design experience, Peggi now owns and operates Misty Canyon Designs. With a major focus on new site design and established site management, Peggi is contracted with several public and private-sector entities for the design and maintenance of their websites. She is currently the webmaster for three national forest websites, the Sierra National Forest, Klamath National Forest and Cleveland National Forest.

Additional Information:

This online course is limited to 100 participants. Your place in the course is confirmed by your payment. Introductory courses are intended for students with no experience in the subject matter and are seeking beginner level training.

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.

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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.

Registration Deadline

Effective Jan 1, 2005: The last day to register for a class is the start date of that class.

Student Center

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.   TimeSpentToLearnHTML_Forms.doc
2.   Most Documents are in *.html format.

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Date	Time Spent (hrs)	Description (mainly)
Wednesday March 12, **2008**	0.5	**Start of HTML Forms,** course number **H111.19** **Course officially starts on March 17, 2008.** **Reading** and **documenting** course materials at eClasses.org at http://www.eclasses.org/ Documents **created** are located at: C:\Users\boutros\Documents\MyPrograms\eClasses.Org\Course_HTML_Forms_H111.19
Friday March 14, 2008	3.75	**Reading and Documenting** Week1 **Online Lectures** of **HTML Forms** class - Review of HTML forms - at **http://www.eclasses.org/** **Read** HTML Forms class -Week1- Online reference at: http://www.w3.org/QA/2002/04/valid-dtd-list.html
Saturday March 15, 2008	2.5	**Continue-Reading** Week1 **Online Lectures** of HTML Forms class - Review of HTML forms - at **http://www.eclasses.org/**
Sunday March 16, 2008	4.75	**Read** Week1 **Online Lectures** of **HTML Forms** class - Review of HTML forms - at **http://www.eclasses.org/** **Read** HTML Forms class -Week1- Online reference at: http://www.w3schools.com/html/html_forms.asp http://enetrics.com/html-tutorial/forms/index.php5 http://webdesign.about.com/od/forms/a/aa070699.htm http://www.cs.tut.fi/~jkorpela/forms/index.html **Working on First** week homework of HTML Forms class. **Book:** HTML and XHTML: The Definitive Guide, **6th**, by Chuck M., et al. Re-read Chapter 9: [pages 311 - 323].
Monday March 17, 2008	1.75	**Book:** HTML and XHTML: The Definitive Guide, **6th**, by Chuck M., et al. Re-read Chapter 9: [pages 324 - 345].
Tuesday March 18, 2008	8.5	**Book:** HTML and XHTML: The Definitive Guide, **6th**, by Chuck M., et al. Re-read Chapter 9: [pages 346 - 350]. **Continue-Working on First** week homework of HTML Forms class.
Tuesday March 18, 2008	2.0	**Finished First** week homework of HTML Forms class. Posted it online at: http://mysite.verizon.net/boutros/HTML_Forms/CarDealershipSurvey.html
Thursday March 20, 2008	2.0	**Reading** Week2 **Online Lectures** of **HTML Forms** class - Forms Layout & Design - at **http://www.eclasses.org/**

Friday March 21, 2008	4.25	**Read** Week2 **Online Lectures** of **HTML Forms** class - Forms Layout & Design - at **http://www.eclasses.org/**
Saturday March 22, 2008	6.5	**Finished Second** week homework of HTML Forms class. Posted it online at: http://mysite.verizon.net/boutros/HTML_Forms/CarDealershipSurvey_wk2.html http://mysite.verizon.net/boutros/HTML_Forms/CarDealershipSurvey_wk2.css
Sunday March 23, 2008	2.75	**Read** HTML Forms class -Week2- Online reference at: http://www.websiteoptimization.com/speed/tweak/forms/ http://www.section508.gov/ http://www.w3.org/MarkUp/Forms/ http://wdvl.internet.com/Authoring/HTML/Usable_Forms/ http://joeclark.org/book/sashay/serialization/Chapter12.html http://www.w3.org/WAI/ http://www.cynthiasays.com/tutorial/a11.htm
Monday March 24, 2008	2.25	**Read** HTML Forms class -Week2- Online reference at: http://www.w3.org/TR/REC-html40/interact/forms.html#adef-selected http://www.w3schools.com/xforms/default.asp http://xformsinstitute.com/essentials/browse/book.php#ch00-77003 http://www.w3.org/MarkUp/Forms/2003/xforms-for-html-authors.html http://www.d.umn.edu/itss/support/Training/Online/webdesign/accessibility.html http://www.w3.org/TR/WCAG10/full-checklist.html http://www.w3.org/TR/2005/WD-xhtml2-20050527/mod-role.html#s_rolemodule http://www.w3.org/TR/WCAG10-HTML-TECHS/#forms-labels http://en.wikipedia.org/wiki/Web_Content_Accessibility_Guidelines http://www.w3.org/TR/WAI-WEBCONTENT/ http://www.csuohio.edu/ist/training/webaccess/index.htm http://www.csuohio.edu/ist/training/webaccess/forms.htm#implicit http://www.w3.org/TR/html401/interact/scripts.html#h-18.2.2.1 **Book:** HTML and XHTML: The Definitive Guide, **6th**, by Chuck M., et al. Re-read Chapter 9: [pages 351 - 358].
Wednesday March 26, 2008	1.25	**Documenting** Week3 **Online Lectures** of **HTML Forms** class - Validating User Input- at **http://www.eclasses.org/**
Thursday March 27, 2008	7.5	**Finished Third** week homework of HTML Forms class. Posted it online at: http://mysite.verizon.net/boutros/HTML_Forms/CarDealershipSurvey_wk3.html http://mysite.verizon.net/boutros/HTML_Forms/CarDealershipSurvey_wk3.css http://mysite.verizon.net/boutros/HTML_Forms/thankyou.html
Friday March 28, 2008	2.5	**Read** Week3 **Online Lectures** of **HTML Forms** class - Validating User Input- at **http://www.eclasses.org/** **Reading** HTML Forms class -Week3- Online reference at: http://www.canion-niwlog.com/forms/faq05.html#wk3 **or** http://www.rodgerswoodworking.com/forms/faq05.html#wk3
Saturday March 29, 2008	4.25	**Reading** HTML Forms class -Week3- Online reference at: http://www.cs.tut.fi/~jkorpela/forms/enter.html

http://www.insidedhtml.com/html/form.asp
Improved code of **Third** week homework of HTML Forms class.

Monday March 31, 2008	1.0	**Reading** HTML Forms class -Week3- Online reference at: http://www.webdevelopersjournal.com/articles/jscript_forms1.html http://www.w3schools.com/tags/tag_doctype.asp http://www.w3.org/QA/2002/04/valid-dtd-list.html http://www.javascript-coder.com/javascript-form/javascript-form-submit.phtml
Wednesday April 9, 2008	2.0	**Read** Week4 **Online Lectures** of **HTML Forms** class - Form Submission- at **http://www.eclasses.org/**
Thursday April 10, 2008	2.75	**Read** HTML Forms class -Week4- Online reference at: http://www.formassembly.com/ http://www.brainjar.com/asp/formmail/ http://www.scriptarchive.com/formmail.html http://www.dagondesign.com/articles/secure-php-form-mailer-scrip http://www.response-o-matic.com/
Friday April 11, 2008	3.5	Read HTML Forms class -Week4- Online reference at: http://www.cs.tut.fi/~jkorpela/forms/methods.html http://www.dtheatre.com/scripts/ http://dtp-aus.com/cgiscript/afrmscrp.shtml http://cgi.resourceindex.com/Remotely_Hosted/Form_Processing/ http://hoohoo.ncsa.uiuc.edu/cgi/forms.html http://en.wikipedia.org/wiki/MIME http://www.formassembly.com/form-garden.php Setup Account**s with 'Response-O-Matic' and** with 'MailMy**Form'** websites for **server side** HTML Form Processing**.** **Websites location at:** http://www.response-o-matic.com/ http://www.mailmyform.com/

Total = 66.25 hrs

******End of* **Introduction to HTML Forms** *****
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