

Western Washington University

Extended Programs – Web Developer Certificate Class

Term 1 Syllabus 2006 – 2007 academic year

Instructor: John Sedgwick - john@vantage21st.com

Thursday evening class schedule

October 19, 26, November 4 (Saturday), 9 & 16, 28 (Tuesday)

1. There will be **4 hours** of assigned independent study and research per term.
2. Weekday classes meet from 6:30 – 9:00 pm
3. The Saturday class meets from 9 am to 3 pm.
4. Lab: Arntzen Hall lab #05

Materials supplied by participants:

1. One 128 or 256 megabyte USB pocket type drive.
2. Required Text Book: **HTML, XHTML, and CSS, Sixth Edition:** by **Elizabeth Castro**
A Peachpit Press **Visual QuickStart** Guide.

Welcome to Web publishing. This term you will learn how to use XHTML and CSS (cascading style sheets) to design build and format web pages. XHTML is the foundation of web authoring. It is critical that you have a firm grasp of XHTML basics to build on when using web authoring programs and advanced XHTML and CSS formatting.

Class Topics

- how to design, plan and create a simple yet sophisticated web site using XHTML and CSS the current scripting languages of the World Wide Web. A solid working knowledge of XHTML and CSS is essential for your success.
- how to use CSS or **cascading style sheets** to quickly and easily control text and basic spatial formatting on all site pages from one file.
- the secret to fast and simple classical web page layout using the instructor's "stacked tables" layout technique. This is a methodology that allows you to create web sites quickly that can be managed easily on an ongoing basis.
- how to use Adobe Photoshop or Photoshop Elements to properly prepare JPG and GIF images for publication on web pages.
- How to create a simple and attractive web page header logo graphic.
- designing for accessibility – an introduction.
- how to register a domain name.
- how to set up your class project web site on a remote web server.
- how to use FTP or **file transfer protocol** programs to upload your web pages from your local computer to your web site.

All information presented in terms 2 and 3 will build on this knowledge base.

Certificate of Competency and Credit Option Requirements

All class members who successfully meet class requirements will be issued a **Certificate of Competency**. The requirements for all three terms must be successfully met and completed to receive a Certificate of Competency.

Credit & Grading

Grades are optional. Class members who opt to take the class for credit will be graded. Grading will be **Satisfactory/Unsatisfactory**. The requirements are the same as indicated above.

Assignments, Expectations & Course Requirements

Each term you are expected to present an authentic web project that demonstrates skills acquired during class. Project completion for this term is required for certificate issuance at the end of the program.

Independent Study Assignments

Each term there will be multiple independent study **assignments** totaling 4 hours of out of class work. Completion of these assignments is required. These assignments will be provided by your instructor as the class progresses. Assignments will include readings in the text book.

Work time to complete project requirements is in addition to the 4 hours indicated above.

Final Project Assignment & Requirements

1. All students are encouraged to complete their projects on time. There is lots of time between terms to work on projects.
2. Please set up a two page website on our cooperating web hosting provider's web servers or another web hosting provider of your choosing. You may set up more pages if you wish. How to set up a website and how to upload files will be covered in class.
3. The topic or area of focus of your site is yours to choose. You may expand on it in terms 2 & 3, or start a new site. Keep it simple, this does not have to be complicated or content dense.
4. Your final project is **due** on the first day of class of the new term. We will share projects during the first class of the new term.
5. Projects are due **after** the deadline for submitting grades for any given WWU quarter. I approach this dilemma with trust that those of you who will be graded will complete your projects on time as required and indicated in the syllabus and on the check sheet. I will submit a satisfactory grade on or before the grade submission deadline for any given term for all students who are taking the class for credit. If a class member does not complete their project and meet the minimum requirements I will change the grade to unsatisfactory.
6. It is possible that extenuating or emergency circumstances may prevent a class participant from completing project requirements on time. In the event of an emergency please send your instructor an email requesting additional time.
7. Project technical requirements will be outlined on the instructor provided **Term 1 XHTML Check Sheet**.

Your web site will be evaluated by your instructor using the following criteria.

1. Mastery of XHTML covered in class. Please use the attached **Term 1 Check Sheet** to check off XHTML tags used on your site.
2. If you find that items identified on the HTML check sheet do not fit with the design or layout of your site, create a third “**XHTML demo page**” that will show your mastery of the XHTML skills **not shown** on your regular website pages. This XHTML demo will be in **addition** to the 2 required XHTML site pages indicated above.
3. The quality of site design, layout, site navigation, flow of information and use of color & graphics will be taken into account.
4. A good strategy is to keep it simple from the beginning. You can always come back and make it more complicated.
5. Successful publication of site on the World Wide Web with all links and images working.
6. Please send the URL of your home page to your instructor at john@vantage21st.com when your project is ready for review. Please use this addressing syntax <http://www.mysite.com> where “www.mysite.com” is replaced with the path to your home page on our cooperating web hosting provider’s system or another web hosting provider’s system of your choosing.