



University of the Arts
PROFESSIONAL INSTITUTE FOR EDUCATORS

ED7221 Creating Web Sites for Teachers 2

April 11, 12, 13 & 18, 19, 20, 2008

- INSTRUCTOR:** Sandra L. McClurken
- PHONE:** 215.400.5118 (Business)
- E-MAIL:** smcclurken@phila.k12.pa.us
msmac@msmaconline.com
- HOURS:** Friday 5:00 - 9:30 P.M.
Saturday & Sunday 9:00 A.M. - 6:00 P.M.
- REQUIRED TEXT:** Castro, Elizabeth. HTML, XHTML & CSS. 6th Edition. Peachpit Press, Berkely, CA, 2006. ISBN: 0321430840.
- SUGGESTED TEXT:** McFarland, David Sawyer. Dreamweaver CS3: The Missing Manual. Pogue Press /O'Reilly, June, 2007. ISBN: 0-596-51043-8.

COURSE DESCRIPTION

This three-credit graduate-level course, a continuation of Creating Web Sites for Teachers 1, will provide students with hands-on experience in the refinement and polishing of design issues and web elements. The elements of design will be reviewed, CSS for styles and layout will be reviewed, graphics will be optimized for use in web sites, and forms, behaviors and dynamic XHTML will be introduced. The course will make use of basic XHTML, Adobe Photoshop, and DreamWeaver.

OBJECTIVES

At the conclusion of this course, participating teachers will be able to:

1. Apply the design principles of alignment, proximity, repetition, and contrast;
2. Understand and manage how Dreamweaver creates cascading style sheets (CSS) for style and layout;
3. Understand web color issues;
4. Optimize and create JPEG, GIF and transparent GIF files;
5. Create image maps and roll-overs;
6. Create simple animation files;
7. Create forms;
8. Incorporate Dreamweaver behaviors and dynamic HTML.

EVALUATION

Participants in this course will be evaluated in the progress toward the course objectives through the production of various graphic files and web pages assigned during class. The resulting web site will be published to the Internet.

COURSE REQUIREMENTS

1. Class attendance (10%)
2. Production of assignments (40%)
3. Graphic files and published web site (50%)

COURSE SCHEDULE

| <u>Date</u> | <u>Topic</u> | <u>Assignment</u> |
|---------------------------|--|---|
| <i>Friday, April 11</i> | Course Overview Review of Design Principles, Dreamweaver's interface and CSS for style & layout | Article: The Biggest Mistakes in Web Design 1995-2005 (<i>see below for URL</i>) CSS layout tutorial |
| <i>Saturday, April 12</i> | Optimizing Graphics for the Web | <i>Text: Chapters. 5, pgs. 81-102;</i> Create 2 original and 2 optimized graphics files: jpeg, gif, transparent gif; Create graphics for roll over effects |
| <i>Sunday, April 13</i> | Creating Animations for the Web | Create 2 original animated gif files <i>*Due: Graphics Folder (digitally)</i> |
| <i>Friday, April 18</i> | Forms | <i>Text: Chapter 17, pgs. 253-280;</i> Create a form for your web site |
| <i>Saturday, April 19</i> | Spry and Dreamweaver Behaviors (Dynamic HTML) | Create various behaviors to include in the final project per <i>Course Requirement Sheet</i> |
| <i>Sunday, April 20</i> | Dynamic HTML- Conclusion | <i>*Due: Final Project</i> |

REFERENCE WEB SITE:

http://www.msmaonline.com/cwsft2_course.htm - Syllabus online and additional resources for help with web site development.

NOTES:

**Please bring a USB Flash drive or external hard drive to back up and transport your class files.*

**You will need to bring the web site you created in *Creating Web Sites for Teachers 1* or at least an existing 5 page web site to work with for this course.*

Article: <http://www.webpagesthatsuck.com> - *The Biggest Mistakes in Web Design, 1995 - 2015*
