Syllabus: Building Websites, Lvl 2

The Professional Institute for Educators
ED*7221C*01
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Course Description
Further explore how to create a website for use in the classroom using HTML/XHTML, Adobe Creative Suite, and Adobe Dreamweaver. Using skills from Level 1, continue to develop HTML coding and examine the fundamentals of creating a well-designed, well-organized and graphically pleasing site for use in education. Discussions consider user experience, content management and ways to improve web design. Prerequisite: Building Websites, Level 1 (ED 7121)

Course Objective

REQUIRED TEXT:

SUGGESTED TEXTS:


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
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.

Course Assessment
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. Final Project (50%)

Session 1
Date: 11-18-2011
Topic:
Course Overview
Review of design principles, Dreamweaver interface and CSS for style & layout
Putting your Page on the Web

Assignment:
Text: Chapter 3: pgs. 49 - 76
Online Article: Biggest Mistakes in Web Design 1995 – 2015 (http://goo.gl/Wx0Tt )

Session 2
Date: 11-19-2011
Topic:
Graphics for the web and simple animations;
Adobe Bridge

Assignment:
Text: Chapter 7: pgs. 183-211

Session 3
Date: 11-20-2011
Topic: Audio & Video

Assignment: Text: Chapter 17: pgs. 487-514

Session 4
Date: 12-02-2011

Topic: Forms

Assignment: Create a web page for your site that includes a form

Session 5
Date: 12-03-2011

Topic: Dynamic HTML (spry and Dreamweaver behaviors)

Assignment: Text: Chapter 16: pgs. 465-485

Session 6
Date: 12-04-2011

Topic: Dynamic HTML - Conclusion

Assignment: Work on Project
*Final Project Due (Note: Final project may be completed 2 weeks after final class and submitted directly to the instructor)

Student Materials

Total Material Cost: $0 (Total Required: $0)

All students are expected to attend classes regularly and promptly, and for the duration of the scheduled instructional time. Individual instructors will decide the optimum time for taking attendance and may penalize for habitual lateness of absence. Repeated absences may result in a
grade of "F" for the course.

Students who withdraw from a course must do so in writing. Nonattendance does not constitute an official withdrawal.

Educators taking courses for credit are required to complete assignments for evaluation outside of direct contact hours. These assignments may include lesson plans, readings, papers, projects, presentations or other work relating the course content to classroom application. Most final course projects will be due two weeks after the final class meeting. An official grade report will be provided automatically 10 to 15 business days after projects are submitted.

Courses for credit qualify for PA Act 48 standards; non-credit coursework does not qualify. A three credit class will be posted as Act 48 90 hour equivalency. Students must supply their unique PA Act 48 Professional Personal ID number and complete the request form, distributed in class, to have their credit course posted. Act 48 posting to the PA Department of Education occurs at the end of each month, after final grading for coursework is complete.

The University of the Arts reserves the right to cancel classes due to low enrollment, reschedule any course or to change the instructor. If a cancellation should occur, students will be notified prior to the start of classes and will have the option of taking another course or receiving a full refund. The University is not responsible for supplies that may be purchased in advance.