

Adv. Web Design II

10/13/2011

Technology

Adv. Web Design II

Course Number: 487

Discipline: Technology

Grade Level: 9-12

Course Length: 1 Semester

Credits: 2.5

Course Description: The purpose of this course is to confidently transition students into the professional world of Web Design and Development. Students will focus on preparing for the Adobe Dreamweaver CS5 certification exam. The teacher will administrate the exam at the end of the semester in the classroom setting. The course will also introduce students to Adobe Illustrator, advance features in Photoshop and Acrobat. Illustrator is a professional graphic design application for vector drawing, which can be used to create graphics that scale across several mediums. Acrobat will provide them with the tools to create an E-portfolio, which will be used to showcase their work when applying to colleges or jobs. In conjunction with preparing for the exam and expanding their knowledge on the Adobe CS5 suite students will build and maintain a minimum of 1 website. This website will need to be based on an educational or non-profit environment. When students exit this course they will be prepared to apply for an entry-level job in Web Design/Development.

21st Century Student Learning Expectations:

- Use technology as a tool to research, organize, evaluate and communicate information
- Use digital technologies (computers, PDAs, media players, GPS, etc.), communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy.
- Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies.

Adv. Web Design II

Unit: Unit 1, To Review and Know

Enduring Understanding:	<p>Students will understand the advanced skills of Dreamweaver to create a .HTML and .CSS file at a professional level.</p> <p style="padding-left: 40px;">Assets Panel Library Items and Snippets Sprys Photoshop Animation Search Tags Rollover Images Image Code in Dreamweaver Templates Forms (Google Doc & Acrobat.com) Z-Index</p>
Essential Questions:	<ul style="list-style-type: none"> • How does creating a .HTML and .CSS file using advance features in Dreamweaver compare to building a mansion vs. building a house?
<p>Unit Objectives:</p> <p>(#) shows mapping to MA Frameworks</p>	<ul style="list-style-type: none"> • Students will be able to apply newly learned Dreamweaver skills onto an .HTML and .CSS file. • Students will focus on using advance features in Dreamweaver, which will include loading .html, .css, and .js files onto the ftp. • Students will learn to work in a group setting on a single .HTML and .CSS fie through the use of the built-in FTP client in Dreamweaver. <p style="padding-left: 40px;">Basic Operations, Gr.9-12: 1.1, 1.2, 1.4, 1.5 & 1.6, 1.7 Desktop Publishing, Gr. 9-12: 1.8 & 1.9 Database, Gr 9-12: 1.15 Internet, Networking & Online Communication, Gr. 9-12: 1.27, 1.29, 1.30 Web Authoring: Gr. 9-12: 1.36, 1.37, 1.38 & 1.39 Ethics, Gr. 9-12: 2.2, 2.6</p>
Assessment Activities:	<ul style="list-style-type: none"> • Class Notes • .HTML & .CSS file
Vocabulary:	<ul style="list-style-type: none"> • Library Items, Snippets, Slimbox, JQuery, FTP, Files Panel, Assets Panel, Sprys, Search Tags, XHTML, Editable Region, Non-Editable Region, Metatag, Head Tag, Z-Index, Forms
Common Learning Activities/Labs:	<ul style="list-style-type: none"> • Copy Cat for all features

Adv. Web Design II

Project Based Learning Activities:	<ul style="list-style-type: none">• Creating a Single Page with Adv. Features
21 st Century Student Learning Expectations:	<ul style="list-style-type: none">• Mastery of the technologies being used

Unit: Unit 1, To Review and Know

What components are essential and non-essential?

- **Review and Know in Class**
 - Copy Cat with Teacher
 - Setting up a site
 - Setting up a page
 - What pretty code should look like
 - Assets Panel
 - Library Items and Snippets
 - Sprys
 - Photoshop Animation
 - Search Tags
 - Rollover Images
 - Image Code in Dreamweaver
 - Templates
 - Forms (Google Doc & Acrobat.com)
 - Z-Index (AP Elements)
- **Review Creating a Home Page**
 - http://mrscullen.com/images/wd_bringingitaltogethertemplate.pdf
- **Evaluate & Critique Session**
 - http://mrscullen.com/images/wd_bringingitaltogethertemplate.pdf (page 2)