

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.

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Unit: Unit 4, Professional Site

Enduring Understanding:	<ul style="list-style-type: none"> To move from a planning stage to a working stage for publishing a professional Website for an organization or business.
Essential Questions:	<ul style="list-style-type: none"> How does building a house relate to building a Website?
Unit Objectives: (#) shows mapping to MA Frameworks	<ul style="list-style-type: none"> To be able to successfully use files from the planning stage (site map & wireframe) to create an informative and user-friendly educational Website. To use Adv. features in Dreamweaver from the Review and Know assignment to create a more professional functioning Website. Use multiple applications from the Adobe suite and Google Forms to create images, designs and media to be placed on an interactive Website. Develop project management skills, which include organization, communication, time management and structure. <p> Basic Operations, Gr.9-12: 1.1, 1.2, 1.5 & 1.6 Desktop Publishing, Gr. 9-12: 1.8 & 1.9 Multimedia, Gr. 9-12: 1.33 Web Authoring: Gr. 9-12: 1.36, 1.37, 1.38 & 1.39 Ethics, Gr. 9-12: 2.6 </p>
Assessment Activities:	<ul style="list-style-type: none"> Mid-Check Rubric Content Peer Editing Feedback Form Professional Site- Owner of Site, Feedback Form Final Rubric- all pages by Web Design teacher
Vocabulary:	<ul style="list-style-type: none"> ftp, root folder, relative path, .psd, .jpg, .gif, div, container, absolute, relative, sry, library item, widget, external link, internal link, template, editable region, .html, .xml, publish, .js, .css, Photoshop Animation
Common Learning Activities/Labs:	<ul style="list-style-type: none"> Template building Project Proposal
Project Based Learning Activities:	<ul style="list-style-type: none"> Approval of home page layout Creation of side page template Creation/Combining all .html files to create of Website
21 st Century Student	<ul style="list-style-type: none"> Mastery of the technologies being used

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Learning Expectations:	
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What components are essential and non-essential?

- **Project Proposal to Building Phase**
 - Move from planning to building
http://mrscullen.com/images/awd2_projectmanagement.pdf
- **Mid-Check Rubric**
 - http://mrscullen.com/images/awd2professionalliosite_midcheck.pdf
- **Final Product Rubric**
 - http://mrscullen.com/images/awd2professionalsite_final.pdf