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.

Unit: Unit 5, Dreamweaver CS6 ACA Exam

Enduring Understanding:	• Adobe Certified Associate is an entry-level certification aimed at validating communication skills using a particular digital medium. An individual with the ACA certification is armed with the credentials to get summer internships, a first job out of school, or credit for college-level programs in design, Web, or rich media.
Essential Questions:	• How does a marriage relate to taking a certification exam, which validates your skills and talents?
Unit Objectives: (#) shows mapping to MA Frameworks	In Adobe Dreamweaver CS6 • Setting project requirements • Planning site design and page layout • Understanding the Adobe Dreamweaver CS6 Interface • Adding content by Using Dreamweaver CS6 • Organizing content by using Dreamweaver CS6 • Evaluating and maintaining a site by using Dreamweaver CS6 Basic Operations, Gr.9-12: 1.1, 1.2, 1.3, 1.4, 1.5 & 1.6, 1.7 Desktop Publishing, Gr. 9-12: 1.8 & 1.9 Spreadsheet, Gr. 9-12: 1.18, 1.20, 1.23 Multimedia, Gr. 9-12: 1.33 1.34 & 1.35 Web Authoring: Gr. 9-12: 1.36, 1.37, 1.38 & 1.39 Ethics, Gr. 9-12: 2.6 Society, Gr. 9-12: 2.8, 2.9, 2.11 Problem Solving, Gr. 9-12: 3.5 Communication, Gr. 9-12: 3.6, 3.8
Assessment Activities:	• Practice Exam (6 attempts) by Certiport • Domains #1-3 Online Test by Mrs. Cullen • Domains #3-6 Online Test by Mrs. Culen
Vocabulary:	• Checkpoints, copyright, deliverables, derivative work, design comp, fair use doctrine, intellectual property, publication, target audience, wireframe, CSS, deprecated, div element, fixed layout, flowchart, horizontal rule, library object liquid layout, scope creep, storyboard, template, Assets panel, code view, coding toolbar, custom workspace, design view, document window, drop zone, favorite list, files panel, insert panel, live code view, live view, property inspector, site list, split code view, workspace switcher, absolute path, document-relative

	path, email link, form objects, hotspot, hyperlink, image map, local site, named anchor, progressive download video, remote site, rollover image, root folder, site-root-relative path, smart object, streaming video, URL, Web server, absolute positioning, AP div tag, CSS layout block, definition list, div tag, editable optional region, editable region, external CSS, fixed positioning, font family, HTML, optional region, ordered list, relative positioning, repeating region, round-trip editing, static positioning, template, unordered list, get, orphaned files, publishing, put
Common Learning Activities/Labs:	• Domains #1-6, Review Questions • Domains #1-6, Vocabulary • Exam focus materials to know- review notes
Project Based Learning Activities:	• Creating HTML files using tools from each domains • Div Position Assignment: http://mrscullen.com/images/awd2divposition_assignment.pdf • Template/Layout Assignment: http://mrscullen.com/images/awd2layout_assignment.pdf
21st Century Student Learning Expectations:	• Mastery of the technologies being used

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What components are essential and non-essential?

- **ACA CS6 Prep and Certification Book**
  - Domains # 1 - 6
    http://books.google.com/books/about/Adobe_Creative_Suite_5_ACA_Certification.html?id=AILqOhbl67MC

- **ACA CS6 Domain Practice Exams by Mrs. Cullen**
  - Domains # 1- 3
    http://mrscullen.com/images/awd2vocexam1_dom1_3.swf
  - Domains # 4 – 6
    http://mrscullen.com/flash/awd2vocexam_domains4_6/awd2vocexam_domains4_6.swf

- **ACA CS6 Dreamweaver Practice Exam by Certiport**
  - http://www.certiport.com

- **Files to Know, Review Notes**
    - http://mrscullen.com/images/awd2_aceexamguide_dreamweaverCS5.pdf
    - http://mrscullen.com/images/awd2adobeguidelines_review.pdf
    - http://mrscullen.com/images/awd2_examnotes.pdf
    - http://www.usability.gov
    - http://mrscullen.com/images/awd2positionofdivs_infosheet.pdf
    - http://mrscullen.com/images/awd2layouts.pdf