Adv. Web Design I

10/13/2011

Technology

Adv. Web Design I

Course Number: 469

Discipline: Technology

Grade Level: 9-12

Course Length: 1 Semester

Credits: 2.5

Course Description: The purpose of this course is to prepare students for a future where they can properly harness advance web design skills. The course covers advance Hypertext Markup Language (HTML) and CSS Style Sheets, as well as advance topics in Dreamweaver and Photoshop as it pertains to Web Design. It will also introduce students to the Adobe Illustrator program, which is a program that will allow them to grow their skills in digital and print design. Students will do text and classroom work in addition to peer group activities and independent projects. If time permits they will also be introduced to Acrobat.com and Adobe Flash. They will create 2 Websites each serving a different purpose and audience. Many professions value an employee who is proficient and advance in HTML, Adobe Dreamweaver, Photoshop and Illustrator. This class will provide them with the skills necessary to use these technologies in such a way that they would be confident in adding them to their resume.

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 2, Adv. Dreamweaver

Enduring Understanding:	• To work with a group to create/complete a Website using a custom template, which displays the understanding of Adv., features in Adobe Dreamweaver.
Essential Questions:	• How does working in a group setting to achieve a common goal compare to the morning commute?
Unit Objectives: (#) shows mapping to MA Frameworks	• To be able to work in a group to successfully create/complete a Website displaying adv. features of Adobe Dreamweaver. • Create a resource, which can be used in the future as an educational tool. • To carry over planning stages into the building and developing phase. • Develop project management skills, which include organization, communication, time management and structure. 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
Assessment Activities:	• Weekly Wiki Entry • Completion of Bringing it All Together project • Bringing it All Together Presentation • Bringing it All Together Notes
Vocabulary:	• Library Items, Snippets, Slimbox, Jquery, FTP, Files Panel, Assets Panel, Sprys, Search Tags, XHTML, Editable Region, Non-Editable Region, Metatag, Head Tag
Common Learning Activities/Labs:	• Class introduction of each advance feature • Exploring deeper into one topic of choice
Project Based Learning Activities:	• Creating single page in Dreamweaver using features introduced in class- Review and Know Assignment • Creating single page on topic using class HTML template – Bringing It All Together Project
21st Century Student Learning Expectations:	• Mastery of the technologies being used

Unit: Unit 2, Adv. Dreamweaver

What components are essential and non-essential?

- **Class Introduction to Adv. Dreamweaver Skills**
    - Topics Covered:
        - Setting up a site
        - Setting up a page
        - Assets Panel
        - Library Items and Snippets
        - Sprys
        - Search Tags
        - Templates
        - Forms
        - Image Codes
    - Resources found at :
      http://natickhighwebdesign.com/advanceclassfall2011/learning.html

- **Review and Know Assignment**
    - Create a single page showing an understanding of each feature listed above. Assignment listed at:
      http://www.mrscullen.com/images/awd1_toreviewandknow.pdf

- **Bringing it All Together Project**
    - Create HTML and CSS class template
    - Complete project which can be found at:
      http://mrscullen.com/images/bringingitalltogether.pdf