

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.

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Unit: Unit 1, Photoshop & Design Principles

Enduring Understanding:	<ul style="list-style-type: none"> To feel comfortable using the advanced features which Adobe Photoshop provides in regards to designing for marketing materials and Web sites. To design projects in Photoshop based around the design principles introduced in class.
Essential Questions:	<ul style="list-style-type: none"> How do the advanced features in Adobe Photoshop remind you of learning how to play a sport and then learning the different plays performed in the sport? Please explain and link comparisons to Photoshop and design principles.
Unit Objectives: (#) shows mapping to MA Frameworks	<ul style="list-style-type: none"> To explore and learn the advanced features in Photoshop. Using the advanced features in Photoshop and following the rule of design principles student will be able to create a piece of magazine art. Students will express their personal interests and characteristics through their magazine art product. <p>Basic Operations, Gr.9-12: 1.6 & 1.7 Desktop Publishing, Gr. 9-12: 1.8, 1.9 & 1.1.0 Ethics, Gr. 9-12: 2.3</p>
Assessment Activities:	<ul style="list-style-type: none"> Weekly Wiki Entry Photoshop Chapter Assignment/Portfolio Design Principles Handbook Design Principles Exam Magazine Madness Project
Vocabulary:	<ul style="list-style-type: none"> Alignment, Proximity, Repetition, Contrast, Interface, Navigation, Color, .JPG, .Gif, Typography, CMYK, RGB, Bits, Indexed Colors, Browser Safe Colors, Pixel, Vector, Rasterized, PPI, Image Map, Cloning, Selection Tools, Filters & Smart Objects
Common Learning Activities/Labs:	<ul style="list-style-type: none"> Weekly Wiki Entry Photoshop Chapter Assignment/Portfolio Design Principles Handbook Magazine Madness Project
Project Based Learning Activities:	<ul style="list-style-type: none"> Photoshop Portfolio, Acrobat Portfolio Magazine Art, Magazine Cover
21 st Century Student Learning Expectations:	<ul style="list-style-type: none"> Mastery of the technologies being used

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What components are essential and non-essential?

- **Advance Features in Photoshop**
 - Read and perform chapters 1-10 from “Photoshop for Dummies”
Chapters are posted online at <http://www.mrscullen.com>
 - Complete Photoshop Chapter Assignment/Photoshop Portfolio
http://mrscullen.com/images/awd1_photoshopunit.pdf
- **Design Principles**
 - Design Principles Handbook (go over in class)
<http://mrscullen.com/images/designhandbook.pdf>
 - Design Principles Exam (exam given online)
<http://mrscullen.com/images/designquiz.swf>
- **Magazine Madness Project**
 - Copy Cat Piece and Design Your Own
<http://mrscullen.com/images/magazineassignment.pdf>
 - Magazine Madness Project Reflection
<http://mrscullen.com/images/magazinemadnessreflection.pdf>