

# Adv. Web Design I

10/13/2011

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Technology

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**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.

**21<sup>st</sup> 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 I

### Unit: Unit 3, Project Management/Planning Site Design and Layout

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

Learning Expectations:	
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## Unit: Unit 3, Project Management/Planning Site Design and Layout

*What components are essential and non-essential?*

- **Home Page**
  - The Web design teacher will use the following rubric to grade the students home page:  
[http://www.mrscullen.com/images/awd\\_educationsite\\_midcheck.pdf](http://www.mrscullen.com/images/awd_educationsite_midcheck.pdf) . Student must complete the home page check before moving forward with any other pages.
- **Peer Editing**
  - A fellow student will use the following rubric to grade/correct the content on the students site:  
<http://www.mrscullen.com/images/wdcontentpeergrading.pdf>
- **Peer Editing**
  - An educator teaching in the subject area in which the site is focused will use the following grading rubric to approve the educational Website  
[http://www.mrscullen.com/awd\\_educationsite\\_peerrubric.pdf](http://www.mrscullen.com/awd_educationsite_peerrubric.pdf)
- **Teacher Approval**
  - The Web design teacher will use the following rubric to grade all the pages on the student's educational Website. [http://www.awd\\_educationsite\\_final.pdf](http://www.awd_educationsite_final.pdf)