



# Computer & Information Technology

## Web Design



**ORGANIZING THEME/TOPIC**

**FOCUS STANDARDS & SKILLS**

<p><b>Introduction to Coding and Web Site Evaluations</b></p> <p>HTML basics Attributes of effective websites</p>	<p>KS 10201.1.14 Demonstrate knowledge of HTML.</p> <ul style="list-style-type: none"> <li>● Open and close tags, div tags</li> <li>● General web page structure (head/body)</li> <li>● Most commonly used tags (italic, bold, linking, images, tables, headings, font and color selection, lists)</li> </ul> <p>Evaluate the effectiveness of a website.</p> <ul style="list-style-type: none"> <li>● Effective vs. ineffective web layouts</li> <li>● Functionality &amp; user friendliness</li> </ul>
<p><b>Wire Framing, File Management &amp; Server Management</b></p> <p>Folder organization Copyright and Fair Use Dreamweaver and setting up servers Layout and sequence</p>	<p>KS 10201.1.1 Develop flowchart, navigational blueprints and schema.</p> <ul style="list-style-type: none"> <li>● Create a root folder.</li> <li>● Organize images, HTML pages, CSS.</li> <li>● Plan a layout and sequence.</li> </ul> <p>KS 10201.3.2.1 Demonstrate appropriate knowledge and behaviors of legal responsibilities and of positive cyber-citizenship.</p> <ul style="list-style-type: none"> <li>● Analyze Copyright &amp; Fair Use of images and web/digital content</li> </ul> <p>KS 10201.1. 14 Demonstrate knowledge of HTML, CSS</p> <ul style="list-style-type: none"> <li>● Utilize Dreamweaver &amp; set up servers:</li> <li>● Create cascading style sheets (CSS)</li> </ul>
<p><b>Advanced Editing and Web Skills</b></p> <p>Photoshop and digital editing Advanced effects Design &amp; Color Theory</p>	<p>KS 10201.1 4. Demonstrate knowledge of available graphics, video, motion graphics, web software programs.</p> <ul style="list-style-type: none"> <li>● Utilize Photoshop for digital editing             <ul style="list-style-type: none"> <li>○ File types- JPEG, PNG, BMP, PSD</li> <li>○ Optimization for the web</li> </ul> </li> <li>● Apply advanced effects             <ul style="list-style-type: none"> <li>○ Rollover images &amp; mouse-over behaviors</li> </ul> </li> </ul> <p>KS 10201.1. 9. Apply color theory to select appropriate colors.</p>

<p><b>Web Designing with Templates</b></p> <p>Efficient web page development</p>	<p>KS 10201.1. 6. Create and produce content.</p> <ul style="list-style-type: none"> <li>○ DWT (Dreamweaver Template)</li> <li>○ Editable regions</li> <li>○ Attaching style sheets</li> </ul>
<p><b>Multimedia and Embedded Content</b></p>	<p>KS 10201.1.4 4. Demonstrate knowledge of available graphics, video, motion graphics, web software programs.</p> <ul style="list-style-type: none"> <li>● Embed videos</li> <li>● Insert sound clips</li> <li>● Embed forms</li> </ul>