

## UNIT PLAN

**Course Number:** 071-001 through 071-003 and 071-002 through 072-003

**Discipline:** Technology

**Grade Level:** 9-12

**Course Length:** 1 Semester

**Credits:** 3

### **Course Description:**

The purpose of this course is to prepare you for a future where you can properly harness fundamental web design skills. The course covers Hypertext Markup Language (HTML), CSS Style Sheets and introduces students to Dreamweaver, Photoshop, and PDF writer as it pertains to Web Design. Students will do text and classroom work in addition to peer group activities and independent projects. Students will create 3 Websites each serving a different purpose and audience. Many professions value an employee who is proficient in the basics of HTML and Adobe Dreamweaver. This class will provide you with the skills necessary to use these technologies in such a way that you would be confident in adding them to your resume.

### **School-Wide Student Expectations:**

**Problem Solving**, The student's problem solving exhibits all of the following:

- \* Identifies and describes the problem
- \* Draws information from a variety of sources
- \* Addresses all essential conditions of the problem
- \* Presents correct work or computation with evidence of reflection checking
- \* Shows understanding of underlying concepts and procedures
- \* Presents strong supporting arguments and/or facts with great clarity and organization

**Writing**, The student's writing exhibits all of the following:

- \* Convention of proper usage for academic writing
- \* An understanding of audience through word choice, vocabulary, tone and style

## Unit: Introduction to Photoshop

<b>Enduring Understanding</b>	Students will understand the following steps for Introduction to Photoshop: <ul style="list-style-type: none"><li>- The purpose of using Photoshop</li><li>- Copyright Material</li><li>- Raster vs. Vector</li><li>- The Interface</li><li>- Selection Tools</li><li>- Working with Color</li><li>- Editing Tools</li><li>- Text Tools</li><li>- Saving Files</li></ul>
<b>Essential Questions</b>	<ul style="list-style-type: none"><li>- If you edit an original painting is the painting still an original?</li> <li>- Does everyone in the world have different finger prints?</li></ul>

<p><b>Unit Objectives</b></p>	<ul style="list-style-type: none"> <li>-</li> <li>- The purpose of using Photoshop Basic Operations; G9-12: 1.1, 1.5, Problem Solving; G9-12: 3.5</li> <li>- Copyright Material Ethics; G9-12: 2.3, 2.4 &amp; 2.5</li> <li>- Raster vs. Vector Desktop Publishing; G9-12: 1.8, Web Authoring; G9-12: 1.36, 1.37 &amp; 1.38</li> <li>- The Interface Basic Operations; G9-12: 1.1 &amp; 1.5 Problem Solving; G9-12: 3.5</li> <li>- Selection Tools Basic Operations; G9-12: 1.6 Web Authoring; G9-12: 1.36 &amp; 1.38 Problem Solving; G9-12: 3.5</li> <li>- Working with Color Basic Operations; G9-12: 1.6 Web Authoring; G9-12: 1.36 &amp; 1.38 Problem Solving; G9-12: 3.5</li> <li>- Editing Tools Basic Operations; G9-12: 1.6 Web Authoring; G9-12: 1.36 &amp; 1.38 Problem Solving; G9-12: 3.5</li> <li>- Text Tools Basic Operations; G9-12: 1.6 Web Authoring; G9-12: 1.36 &amp; 1.38 Problem Solving; G9-12: 3.5</li> <li>- Saving Files Web Authoring; G9-12: 1.37</li> </ul>
<p><b>Assessment Activities</b></p>	<p>Introduction to Photoshop Worksheet, Using Photoshop Effectively Pop Quiz, Photoshop Test</p>
<p><b>Vocabulary</b></p>	<p>HTML file, HTML tags, HTML documents, Web pages, &lt;header&gt;, &lt;body&gt;, &lt;html&gt;, headings, background image, background color, &lt;title&gt;, &lt;p&gt;, &lt;a href&gt;, &lt;img src&gt;, &lt;ul&gt;, &lt;ol&gt;, &lt;table&gt; ,</p>
<p><b>Project Based Learning Activities</b></p>	<p>Saving Files properly check, Group Designing, designing your site header in Photoshop, designing your body/footer in Photoshop</p>

<b>School Wide Student Learning Expectations</b>	<b>Problem Solving,</b> The student’s problem solving exhibits all of the following: <ul style="list-style-type: none"><li>* Identifies and describes the problem</li><li>* Draws information from a variety of sources</li><li>* Addresses all essential conditions of the problem</li><li>* Presents correct work or computation with evidence of reflection checking</li><li>* Shows understanding of underlying concepts and procedures</li><li>* Presents strong supporting arguments and/or facts with great clarity and organization</li></ul>
	<b>Writing,</b> The student’s writing exhibits all of the following: <ul style="list-style-type: none"><li>* Convention of proper usage for academic writing</li><li>* An understanding of audience through word choice, vocabulary, tone and style</li></ul>