

## 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: Laying the Groundwork

<p><b>Enduring Understanding</b></p>	<p>Students will understand the following steps for the “planning” of a website:</p> <ul style="list-style-type: none"> <li>- Pinpointing your Web site goals</li> <li>- Understanding the benefits of developing a plan</li> <li>- Stepping through a project plan</li> <li>- Accommodating new ideas while sticking to your plan</li> </ul>
<p><b>Essential Questions</b></p>	<ul style="list-style-type: none"> <li>- What is important about any planning process?</li> <li>- Similar to playing a game of chess how do you plan for the next step of a long term plan and what could alter those plans?</li> </ul>
<p><b>Unit Objectives</b></p>	<ul style="list-style-type: none"> <li>- Define the goals and objectives of your site. <b>Web Authoring: G9-12: 1.38</b></li> <li>- Create a content, task list and timeline <b>Spreadsheet: G9-12: 1.18, G9-12: 1.26, G9-12: 1.20</b></li> <li>- Establish a budget <b>Spreadsheet: G9-12: 1.19,</b></li> <li>- Determine how to handle maintenance and updates. <b>Communication: G9-12: 3.7</b> <b>Desktop Publishing: G9-12: 1.9</b></li> <li>- How to properly read and write for the web <b>Web Authoring: G9-12: 1.36,</b> <b>Ethics: G9-12: 2.4, G9-12: 2.3</b></li> <li>- Create a draft of your site using Micro. Publisher <b>Web Authoring: G9-12: 1.37</b> <b>Ethics: G9-12: 2.4, G9-12: 2.3</b></li> </ul>
<p><b>Assessment Activities</b></p>	<p>Planning your Site Test, Personal Site: Content List (excel), Task List (excel), Site Draft (publisher), and Reading and Writing for the Web note check</p>
<p><b>Vocabulary</b></p>	<p>domain name, web hosting, site map, color wheel, gradient, complimentary colors,</p>
<p><b>Project Based Learning Activities</b></p>	<p>Evaluating Web Sites Worksheet, Portfolio Site Objective and Goals Worksheet, Web writing/reading assignment</p>

<p><b>School Wide Student Learning Expectations</b></p>	<p><b>Problem Solving</b>, The student’s problem solving exhibits all of the following:</p> <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>
	<p><b>Writing</b>, The student’s writing exhibits all of the following:</p> <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>