

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 HTML

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| <p>Enduring Understanding</p> | <p>Students will understand the following steps for Introduction to HTML:</p> <ul style="list-style-type: none"> - What is an HTML file - Understand how tags work in HTML - Write and read basic HTML - How an HTML document is viewed as a Web page. |
| <p>Essential Questions</p> | <ul style="list-style-type: none"> - Will a dog sit if you say down? - If someone can not speak Spanish can they read Spanish? |
| <p>Unit Objectives</p> | <ul style="list-style-type: none"> - What is an HTML file Web Authoring; G9-12: 1.38 - Understand how tags work in HTML Web Authoring; G9-12: 1.37 & 1.40 - Write and read basic HTML Web Authoring; G9-12: 1.37, 1.39 & 1.40 - How an HTML document is viewed as a Web page. Web Authoring; G9-12: 1.37 & 1.40 |
| <p>Assessment Activities</p> | <p>HTML worksheet, HTML quiz and creating a single page using HTML in Notepad</p> |
| <p>Vocabulary</p> | <p>HTML file, HTML tags, HTML documents, Web pages, <header>, <body>, <html>, headings, background image, background color, <title>, <p>, <a href>, , , , <table>,</p> |
| <p>Project Based Learning Activities</p> | <p>Read HTML handbook, creating a single page in Notepad using HTML, HTML worksheet, HTML quiz on www.w3schools.com</p> |
| <p>School Wide Student Learning Expectations</p> | <p>Problem Solving, The student’s problem solving exhibits all of the following:</p> <ul style="list-style-type: none"> * 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 |

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| | <p>Writing, The student's writing exhibits all of the following:</p> <ul style="list-style-type: none">* Convention of proper usage for academic writing* An understanding of audience through word choice, vocabulary, tone and style |
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