

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 learn project management skills while working on peer group activities and independent assignments. Major projects will focus on Design skills in Photoshop and building a portfolio Website. Many professions value an employee who is proficient in the basics of HTML, Adobe Dreamweaver and Photoshop. This class will provide you with the skills necessary to apply these technologies in such a way that you could use them to create educational and personal projects on your own time.

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 Dreamweaver

Enduring Understanding	<p>Students will understand the following steps for Introduction to Dreamweaver:</p> <ul style="list-style-type: none">- The purpose of using Dreamweaver- Using the Interface: Workspace, Properties Panel, CSS Panel, Body Tag & Page Properties button- Working in Design and Code view- Creating a file- Personal Site (final project)- Web Hosting <p>1. Students will be able to create a Web page using HTML and CSS in Dreamweaver through comfortably navigating through the Dreamweaver interface.</p> <p>2. Students will be able to show their understanding of how to publish and maintain a set of web pages through working in the files panel in Dreamweaver.</p> <p>3. Students will understand how working with raw code in TextEdit transitions into Dreamweaver to make for a more productive work flow when creating Web pages.</p>
Essential Questions	<ul style="list-style-type: none">- How do Web designers manipulate their audience?- Can you have a conversation if one person speaks English and the other speaks Spanish?

<p>Unit Objectives</p>	<ul style="list-style-type: none"> - The purpose of using Dreamweaver 9-12.DTC.a.1 9-12.DTC.a.2 9-12.DTC.b.1 9-12.CAS.b.4 - Using the Interface 9-12.CT.d.10 9-12.CT.d.11 - Working in Design and Code view 9-12.CT.d.11 - Creating a file 9-12.CT.d.1 - Personal Site 9-12.CT.d.1 - Web Hosting 9-12.CAS.b.2 9-12.CAS.b.3
<p>Assessment Activities</p>	<p>Dreamweaver Unit Test: https://docs.google.com/a/natickps.org/forms/d/1DeKpyMmCHc0rMEyHZXBAY3Vgc2vsn9VCmL9V9oPIUGM/edit</p> <p>--- Assessment for Final Project/Personal Site Home Page Rubric http://mrscullen.com/images/dw_personalsitehomepagerubric2.pdf All Pages Rubric http://mrscullen.com/images/dw_personalsiterubric.pdf</p>
<p>Vocabulary</p>	<p>Algorithm, Authentication, Bandwidth, Browser Cookie, Code, Coding, Class, Data Structure, Digital Privacy, Digital Safety, Lifelong Learning, Problem Domain, Proprietary Software License, Server, WWW</p> <p>--- HTML file, CSS file, external CSS, code view, design view, split view, panels, container, insert div tag, draw div tag, compound, class, css rule, live view, preview in browser, publishing</p>

<p>Project Based Learning Activities</p>	<p>Activities & Rubrics for Final Project/Personal Site: Mid-Check Rubric http://mrscullen.com/images/wdpersonalsite_sidepages.pdf Content Peer Editing Feedback Form http://mrscullen.com/images/wdcontentpeergrading.pdf Guardian Rubric http://mrscullen.com/images/web_guardianrubric.pdf</p> <p>Learning Resources Dreamweaver Handbook: http://mrscullen.com/images/dreamweaverhandbook.pdf - - - Adobe TV- Dreamweaver: http://tv.adobe.com/search/?q=dreamweaver+cs4&sortby=relevancy - - - Introduction to building in Dreamweaver CC, #1: https://www.youtube.com/watch?v=QMxnjFODB4&feature=youtu.be - - - Introduction to building in Dreamweaver CC, #2: https://www.youtube.com/watch?v=kdcfsy-KO1I - - - Web Design Tool Kit http://mrscullen.com/images/webdesigntoolkit.png - - - Setting up FTP http://mrscullen.com/images/wd_ftpsetupinformation.pdf - - - Connecting to FTP http://mrscullen.com/images/connecttoftp.pdf</p>
<p>School Wide Student Learning Expectations</p>	<p>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</p>

	<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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