

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:

Oral Presentation, The student's oral communications exhibit all of the following:

- Addresses topic thoroughly with, where appropriate, well researched evidence
- Presentation moves smoothly and clearly
- Speech is articulate and compelling
- Visual aids enhance audience's understanding, where appropriate
- All elements of the presentation are related to the topic
- Reliance on notes and printed material is minimal

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
- * Appropriately applies mathematics to 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

Technology, The Student's use of technology exhibits all of the following, where appropriate:

- * Draws information from a variety of sources
- * Critically evaluates data to determine its appropriateness
- * Uses technology to create and organize effective presentations.

Unit: Domain Name and Web Hosting

<p>Enduring Understanding</p>	<p>Students will understand the need and reason for a domain name and web hosting space for the use of an active website:</p> <ul style="list-style-type: none"> - Selecting a domain name - Registering a domain name - Understanding why you need Web Hosting - Choosing a hosting service
<p>Essential Questions</p>	<ul style="list-style-type: none"> - What is important about choosing a long-term identity; either in the form of a name, address or number? - Choosing a good Web Hosting company is very similar to selecting a cellular phone plan, how do you decide what you need and don't need for your site to run properly and at the least expense each month.
<p>Unit Objectives</p>	<ul style="list-style-type: none"> - Selecting an appropriate domain name Internet, Networking, and Online Communication: G9-12: 1.30 Web Authoring: G9-12: 1.37 Ethics: G9-12: 2.2 - Understand how to register a domain name Internet, Networking, and Online Communication: G9-12: 1.30 Web Authoring: G9-12: 1.37 Ethics: G9-12: 2.2 - Understanding why you need Web Hosting Web Authoring: G9-12: 1.37 - Necessary steps to choosing an appropriate hosting service and plan Communication: G9-12: 3.7 Desktop Publishing: G9-12: 1.9 - Using professional presentation and creative skills to share with the class various Web Hosting services Communication: G9-12: 3.6, 3.8 Ethics: G9-12: 2.4, G9-12: 2.3 - Having the ability to research different Web Hosting services using chat assistance, exploring websites and comparing and contrasting stats and figures Communication: G9-12: 3.9 Research: G9-12: 3.1, 3.2, 3.4

Assessment Activities	Planning your Site Test, Personal Site: Content List (excel), Task List (excel), Site Draft (publisher), and Reading and Writing for the Web note check
Vocabulary	domain name, sub-domain, web hosting, Network Solutions, Whois Database, top level domains, bandwidth, disk space, E-commerce, streaming media, technical support, backup systems
Project Based Learning Activities	Domain name and Web Hosting Power Point, Domain name and Web Hosting worksheet, Domain name and Web Hosting- Dunkin Design group project.
School Wide Student Learning Expectations	<p>Oral Presentation, The student's oral communications exhibit all of the following:</p> <ul style="list-style-type: none"> • Addresses topic thoroughly with, where appropriate, well researched evidence • Presentation moves smoothly and clearly • Speech is articulate and compelling • Visual aids enhance audience's understanding, where appropriate • All elements of the presentation are related to the topic • Reliance on notes and printed material is minimal
	<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 * Appropriately applies mathematics to 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>Technology, The Student's use of technology exhibits all of the following, where appropriate:</p> <ul style="list-style-type: none"> * Draws information from a variety of sources * Critically evaluates data to determine it appropriateness * Uses technology to create and organize effective presentations.

