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: Project Management

Enduring Understanding	Students will understand the following steps for the "planning" of a website: - Pinpointing your Web site goals - Understanding the benefits of developing a plan - Determine how to handle maintenance and updates - Safe Practices - Reading and Writing for the Web - Accommodating new ideas while sticking to your plan 1. To be able to successfully plan your site using a site map and a wire frame created in cacoo.com 2. To become familiar with the interface and purpose of cacoo.com 3. To carry over your planning stages into the building and developing phase. 4. Develop project management skills which include organization, time management and structure.
Essential Questions	- What is important about any planning process? - 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?

Unit Objectives	- Pinpointing your Web site goals
	  9-12.DTC.b.1
	  9-12.DTC.c.2
	  9-12.DTC.c.5
	- Understanding the benefits of developing a plan
	  9-12.DTC.c.4
	- Determine how to handle maintenance and updates.
	  9-12.DTC.c.3
	- Safe Practices
	  9-12.CAS.a.3
	  9-12.CAS.c.8
	- How to properly read and write for the web
	  9-12.CAS.c.6
	  9-12.CAS.c.8
	- Accommodating new ideas while sticking to your plan
	  9-12.CS.a.4

Assessment Activities	Project Proposal, Directions: http://mrscullen.com/images/awd1_projectmanagement.pdf Project Proposal, Example: https://docs.google.com/document/d/1MJ_RbhuS4TmqlEVYGz-tKe_CAQEcYMvDkYRCD7lGFDA/edit
Vocabulary	Application, Authentication - - - Site Map, Flowchart, Wireframe, Color Combination, Scan Read
Project Based Learning Activities	Activities: Reading and Writing for the Web: http://mrscullen.com/Images/writingforwebsites.pdf Learning Resources/ Template Sites for Inspiration: https://themeforest.net/ https://wordpress.org/themes/ https://themeforest.net/item/mobile/7057821

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	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