

DESE Model Curriculum

GRADE LEVEL/UNIT TITLE: 11-12/Demonstrate Page Creation Skills

Course Code: 034393 CIP Code: 11.0103

COURSE INTRODUCTION:

Course Rationale: Rapid technological advancement by businesses to reach global markets, greater focus on industry certifications and national skill standards, expansion of responsibilities of office workers, portability of employee skills—all these increase the need for business students in career education programs to have skills in Web design and maintenance.

Course Description: This course deals with the use of Web programming languages (HTML, Javascript, etc.), graphics applications, and other Web authoring tools to design, edit, launch, and maintain Web sites and pages. Such topics as Internet theory, Web page standards, Web design elements, user interfaces, special effects, navigation, and emerging Web technologies will be included.

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UNIT DESCRIPTION: This unit will teach the basics of HTML coding. Students will receive introductions to HTML tags and learn the distinction between elements and attributes. They will create and use a template.		SUGGESTED UNIT TIMELINE: 40-50 days CLASS PERIOD (min.): 50 minutes				
ESSENTIAL QUESTIONS:						
<ol style="list-style-type: none"> 1. How will you create a web page that will visually present your message to your target audience? 2. How will you present the same information on different devices using different configurations? 3. What pre-coding can you have in a template to more effectively create web pages in the future? 						
ESSENTIAL MEASURABLE LEARNING OBJECTIVES	CCSS LEARNING GOALS (Anchor Standards/Clusters)	CROSSWALK TO STANDARDS				
		GLEs/CLEs	PS	CCSS	NBEA	DOK
1. Use Web authoring software to create Web pages					IT.V.3.5	2
2. Identify and apply HTML tags and attributes for basic Web page design (e.g., title, metadata, table, link)					IT.V.3.5	3
3. Create and use a template					IT.V.3.5	4
ASSESSMENT DESCRIPTIONS*: (Write a brief overview here. Identify Formative/Summative. Actual assessments will be accessed by a link to PDF file or Word doc.)						
<p>*Attach Unit Summative Assessment, including Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. Label each assessment according to the unit descriptions above (i.e., Grade Level/Course Title/Course Code, Unit #.)</p>						
Obj. #	INSTRUCTIONAL STRATEGIES (research-based): (Teacher Methods)					
1, 3	1. Provide students with an overview of notepad++					

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2, 3	2. Self-paced instruction with check points for accuracy. Tables: Teacher guided instruction over reading about tables and finding tables on the Internet and critically evaluating correct use.
Obj. #	INSTRUCTIONAL ACTIVITIES: (What Students Do)
1, 3	1. Guided hands on exploration of notepad++
2, 3	2. CreatingPagesHTML.docx Tables: Read DataTablesInModernWebDesign.docx, find tables on the Internet
<p>UNIT RESOURCES: (include internet addresses for linking)</p> <p>...DESE_WebDesign\D.DemonstratePageCreationSkills\InstructionalStrategies</p> <p>...DESE_WebDesign\D.DemonstratePageCreationSkills\InstructionalActivities</p> <p>Resources@MCCE - BE DVD ROM 50, Total Training For Adobe® GoLive® CS2: Total Training, Inc., CARLSBAD, CA, TOTAL TRAINING, INC., 2005. Hosted by Lynn Grillo, learn how to create basic web pages with Cascading Style Sheets (CSS), image maps, forms and tables, viewing and editing source code, optimizing images for the Web, and all the necessary steps needed to build and post an entire site. Plus, Web design tips and tricks incorporating different scripting languages including DHTML, _JavaScript - as well as 10 do's and don'ts for maximizing viewing in browsers on different platforms. Experience Level: Beginner Through Advanced. Running Time: 7 Hours. Platform: Windows & MAC OS</p>	