WEB AUTHORING LANGUAGES  
Course Syllabus

Course Number: MDIA-0149  
OHLAP Credit: No
OCAS Code: 8210
Course Length: 120 Hours
Career Cluster: Information Technology
Career Pathway: Interactive Media
Career Major(s): Web Design, Multimedia Design

Pre-requisite(s): Business and Computer Tech OR Fundamentals of Technology

Course Description: Students will learn to code Web pages using HTML5 and CSS3. Students will become proficient in the development of websites using a text editor and following the most recent web standards as set by World Wide Web Consortium, W3C. (This course can substitute for Fundamentals of Web Design).

Textbooks: HTML5 and CSS3 – Illustrated Complete, by Sasha Vodnik, Course Technology, 2011

Course Objectives: A. Demonstrate Knowledge of Web Authoring Languages
1. Hand-code a web page using a simple text editor.
2. Create web pages containing background color, headings, and horizontal rules.
3. Create web pages which incorporate links, lists, tables, and forms.
4. Create web pages which incorporate images and image maps.
5. Utilize styles to control layout and design of web pages.
6. Utilize important components of XHTML to develop an accessible web page.
7. Use a style sheet to separate presentation from content and format XHTML tags.
8. Control a website’s appearance by creating external and/or embedded style sheets.
10. Apply file management skills while creating a web page.
11. Distinguish between absolute and relative pathnames.
12. Develop a time and activity plan and participate in a teamwork environment to achieve objectives related to production of interactive media.
13. Identify and utilize accessibility guidelines as they relate to the creation of various components of websites, including forms, frames, image maps, tables, text and multimedia.

ODCTE Objectives

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.
Grading Procedures:  
1. Students are graded on theory and shop practice and performance.  
2. Each course must be passed with seventy (70%) percent or better.  
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment:  
Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit:  
The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility:  
The student must maintain a grade point average of 2.0 or better.