COURSE DESCRIPTION

Prerequisites: NONE

Course Description: Instruction in web design and related graphic design issues including mark-up languages, web sites, and browsers.

This is a 4 credit hour course. (3 lec., 3 lab.)

WECM END-OF-COURSE OUTCOMES: Identify how the Internet functions with specific attention to the World Wide Web and file transfer; apply design techniques in the creation and optimization of graphics and other embedded elements; demonstrate the use of World Wide Web Consortium (W3C) formatting and layout standards; and design, create, test and maintain a website.

STUDENT LEARNING OUTCOMES:
Upon successful completion of IMED 1416, students will be able to:

▪ Develop a web page that meets W3C HTML5 validation standards with fewer than five errors.

▪ Create a CSS layout containing a minimum of four divisions that meets W3C CSS validation with fewer than five errors

▪ Upload a website folder to a remote host with all of the folder contents viewable on the web.

▪ Maintain a live website by uploading updates to a remote host with all updates viewable on the web.

▪ Prepare CSS layout site documentation (wireframe/sitemap) according to the instructor's specifications.

▪ Utilize five image editing techniques that meet instructor specifications.

COURSE MATERIALS

Recommended HTML and CSS: Design and Build Websites by Jon Duckett
Storage: Recommended 8GB or sufficient storage USB Drive and/or a cloud drive (e.g. Dropbox) account to backup files.
Software: Access to the Internet and a text editor. Trial version of Adobe Products.

A student of this institution (El Centro College) is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.
MAJOR COURSE REQUIREMENTS

Students will participate in Discussion Boards addressing major topics covered in the course.

Students will practice concepts and techniques through a series of quizzes addressing major topics covered in the course.

Students will produce unit exercises and lab assignments for the following:
- Basic HTML tags
- Formatting HTML tags
- Lists
- Tables
- Hyperlinks
- Image Editing
- Forms
- File Transfer

A midterm and a final exam will evaluate the student’s understanding of the Internet concepts and knowledge presented in each unit.

SUBJECT MATTER

Topics covered in the lecture portion of the course include:
- Writing for the Web Design
- Web Design Basics
- Basic HTML tags
- Formatting HTML tags
- Lists
- Tables
- Links
- Image Editing
- Image Optimization
- Forms
- CSS layouts

DISCLAIMER

The provisions contained in this syllabus do not constitute a contract between the student and El Centro College. These provisions may be changed at the discretion of the Coordinator/Instructor. When necessary, appropriate notice of such changes will be given to the student.

The instructor-of-record may provide additional information to enhance the course to meet the needs of the enrolled students, provided that the enhancements do not conflict with the official course syllabus.

INSTITUTIONAL POLICIES

Institutional Policies relating to this course can be accessed from the following link:
http://www.elcentrocollege.edu/syllabipolicies