**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 web site.

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

- **Develop** a web page that meets W3C XHTML transitional formatting validation 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 instructor's specifications.
- **Utilize** five image editing techniques that meet instructor specifications.

**COURSE MATERIALS**

(ISBN# 0131855867)

A minimum of 1GB USB Flash drive
A 2 ½” – three ring notebook
Notebook dividers

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 topics:
- Basic XHTML tags
- Formatting XHTML tags
- Lists
- Tables
- Links
- Image Editing
- Forms
- FTP

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 XHTML tags
- Formatting XHTML tags
- Lists
- Tables
- Links
- Image Editing
- Forms
- CSS layouts
- Future Trends: HTML5 & CSS3
- FTP

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.

POLICIES

Students should click on the links below and read all of these policies.

General institutional policies
Course-related institutional policies