

WEB 110 Web Development Fundamentals

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

This course introduces World Wide Web Consortium (W3C) standard markup language. Topics include creating web pages, responsive design, file transfer, deployment, accessibility, and other related W3C topics. Upon completion, students should be able to deploy a hand-coded website created using the HyperText Markup Language (HTML) and Cascading Style Sheet (CSS) standards.

Course Hours per Week: Class, 2. Lab, 3. Semester Hours Credit, 3.

LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Create web pages using HTML5.
2. Create styles for web pages using Cascading Style Sheets (CSS).
3. Develop a web site using HTML5 and CSS.

OUTLINE OF INSTRUCTION:

- I. Getting Started in Web Design
- II. How the Web Works
- III. Creating a Simple Page
- IV. Marking Up Text
- V. Adding Links
- VI. Adding Images
- VII. Table Markup
- VIII. Forms
- IX. Embedded Media
- X. Introducing Cascading Style Sheets
- XI. Formatting Text
- XII. Colors and Backgrounds
- XIII. Thinking Inside the Box
- XIV. Responsive Web Design

REQUIRED TEXTBOOK AND MATERIAL

The textbook and other instructional material will be determined by the instructor.