

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.

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.

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

I 1.5 Td()T T0 1 Tf-0.001 Tc 0.001 Tw 1.0 T TdX c14e 2b)-0.6)Ee001 Tw EMC VB 51 BDC -0.001 Tc 0.00Body WICIDt8 Td

XI. Formatting Text

XII. Colors and Backgrounds

XIII. Thinking Inside the Box

XIV. Responsive Web Design