

Course Description: This course provides an introduction to XHTML (eXtensible HyperText Markup Language), which is a reformulation of HTML 4.0 as an XML 1.0 application. With XHTML, richer and more complex Web pages can be created on an increasing range of browser platforms including cell phones, televisions, cars, wallet-sized wireless communicators, kiosks, and desktops. XHTML can be interpreted by existing browsers now provided certain guidelines are followed. These guidelines will be introduced to students in this course. Students will also be introduced to numerous tags and their uses in creating web pages. Students will also learn how to format text, insert images and hyperlinks, create image maps and tables, utilize frames, and create forms. This class is very hands-on oriented, resulting in students developing a significant webpage.

Who Should Attend: Anyone interested in learning the basics of developing a website.

Prerequisites: Experience navigating the World Wide Web using any Web browser.

Benefits of Attendance: Upon completion of this course, students will be able to:

- Learn basic HTML tags
- Format text on webpages
- Incorporate images
- Create hyperlinks
- Create complex image maps
- Create tables and nested tables.

Course Outline:

Introduction to (X)HTML
A Brief History of the World Wide Web
(X)HTML Basics
Introduction to (X)HTML Tags
Introductory (X)HTML Tags
XHTML Rules
Horizontal Rules
Text Formatting Tags
Character Entities
Text Formatting Example
Lists
Unordered Lists
Ordered Lists
Descriptive Lists
Links
Images
Thumbnails

Advanced (X)HTML
Image Maps
Client-Side Image Maps
Tables
Nested Tables
Complex Tables
Frames
Navigating Between Frames
Nested Frames
Additional Navigational Features