

# Website Coding Demystified

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## COURSE OVERVIEW

Hyper Text Markup Language (HTML) is the basic building block of all web pages in the Internet. An understanding of HTML in its native code form will allow a web designer to better design an effective and error-free website. XHTML is a stricter and cleaner version of HTML which is recommended by the World Wide Web Consortium (W3C). Knowing XHTML is crucial to creating websites that conform to the W3C standards. Cascading Style Sheets (CSS) allows web designers to separate contents from formatting styles in a web page for ease of maintenance.

## WHO SHOULD ATTEND

Participants who would like to establish a solid foundation in web design and understand the building blocks of coding web pages.

**DURATION** 2 Days

**TIME** 9.00am - 6.00pm

## COURSE OUTLINE

### Web Design

- Design considerations
- Hardware & Software considerations
- Understanding Web user browsing behaviors
- Importance of Colors and its effect on people
- Familiarizing with Search Engine Optimization
- Explore the different HTML editors available

### HTML

- Introduction to HTML
- Understanding and using common HTML tags
- Adding Attributes information and entities to webpage
- Creating and formatting table
- Creating links between webpages
- Apply colors and fonts formatting to text
- Creating bullet list to list information
- Inserting Images to webpage
- Creating forms to capture information from users
- Understanding HTML Layout
- Adding Head and meta information to HTML
- Learn to validate HTML Documents

### XHTML

- Introduction to XHTML
- Understanding the syntax rules in XHTML
- Applying the different XHTML DTDs
- Learn to convert HTML TO XHTML

### CSS

- Introduction to CSS
- Understanding CSS Syntax
- Attaching Style Sheet to Webpage
- Applying CSS styles properties to HTML
  - Placing Background with CSS
  - Modify Text formats with CSS
  - Creating borders with CSS
  - Listing information with bullet lists in CSS
- Working with Dimension to control height and width
- Positioning elements with CSS
- Understanding and using the Div tags