HTML 5

Course Summary

Description

This course is a hands-on Laboratory course in the HTML 5 markup language. At the end of this course the student will be able to use HTML5 to develop websites.

Topics

- Markup Tags in HTML 5
- Developing a website with HTML 5
- Basic CSS
- Basic JavaScript

Audience

This course is designed for anyone with a desire to develop HTML5 websites.

Prerequisites

The successful student will have knowledge of simple computer navigation. This is an introductory level course. Students with knowledge of HTML 4 will progress further.

Duration

Four days

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Course Outline

I. Introduction
- A. Instructor Introduction
- B. Student Introduction
- C. Course Overview

II. Differences
- A. What's new in HTML 5
- B. Differences between HTML 4 and HTML 5
- C. Exercise

III. Tags
- A. HTML 5 tag set/HTML4 Tag Review
- B. Exercises

IV. Video
- A. The video tag
- B. exercises

V. Audio
- A. The audio tag
- B. exercises

VI. Storing Data
- A. localstorage
- B. remotestorage
- C. sessionstorage
- D. exercises

VII. New Form Input Types
- A. email
- B. url
- C. number
- D. range
- E. DatePickers
- F. search
- G. colors
- H. keygen
- I. datalist
- J. output
- K. Which input types with which browsers?
- L. exercises

VIII. Form Attributes
- A. autocomplete
- B. autofocus
- C. novalidate
- D. placeholder
- E. pattern
- F. multiple
- G. exercises

IX. More Form Attributes
- A. list
- B. form
- C. autolist
- D. required
- E. min,max
- F. exercises

X. HTML5 References

XI. Summary and Review

XII. Additional Resources

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