



# Getting started with Web Languages: HTML and CSS

## Getting started with Web Languages: HTML and CSS

**12 weeks**

Wednesday 6:00-10:00 pm

Sept 18 - Dec

2nd Floor – Room 216

**Daniel Hahn** - dan@svahtml.com

Class web site

**<http://www.svahtml.com/semester>**

All class work, materials, and assignments will be given through the class web site. In addition any announcement may be made on the site. The site will also provide back lesson and class presentations will be found there for you to review.

**Login for both lab computers and website**

User Name : **student**

Password : **bfacad**

### **Attendance:**

Every class is very important and will build off of the class before; therefore you must attend class every week. If you do miss a class, you are expected to make up the work before the next class. If you know in advance that you will miss a class, please contact me 24 hours before the class. Missing TWO or more classes will result in failure of the course.

### **Reference:**

**HTML, XHTML, and CSS, Sixth Edition**

**Visual QuickStart**

by Elizabeth Castro



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## Class Format

The class will be broken up the following way.

6:00 - 6:45	Review
6:45 - 7:45	Weeks lesson part 1
7:45 - 8:00	Break
8:00 - 9:15	Weeks lesson part 2
9:15 - 10:00	Homework

## Purpose of class

This is a hands-on course that will use HTML in new and complex ways. The course will begin with an overview of the Internet and how it functions creatively and as a utility. Students will write HTML and learn how to format text, incorporate images, build tables, create links, host and upload a Web site and utilize JavaScript. Students will design and implement their own websites or enhance an existing one, as well as participate in design discussions and critiques of student and professional work.

# Syllabus:

## Introduction

- What is HTML?
- History of HTML
- HTML vs. XHTML vs. HTML 5
- How a web page works
- How we work
- Parts of the HTML tag
- Block Level vs Inline
- Basic HTML Document
- Doctypes
- Workflow

## Lesson 1

- Minimal HTML Document
  - HTML
  - Head
  - Body



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- Title
- Setting up HTML template
- Block Elements
  - Straight Text
  - Headers
  - Paragraphs
  - Div (Division)
  - Line Breaks
  - Blockquote
  - Preformatted Text
  - Horizontal Rules
- List
  - Ordered
  - Unordered
  - Nested list
- HTML5 Tags

## Lesson 2

- Path names
- Linking Documents
  - Anchor Tag
  - Mailto
  - Anchor Tag
- Image Formats
  - Gif
  - JPEG or JPG
  - PNG
- Image Tag
  - Image Size
  - Image Alignment with Text
  - Alternative Text for Images
  - Images as links

## Lesson 3

- Introduction to CSS
- CSS Format
- Inline vs. embedded
- Formatting HTML for CSS (review)
- Styles based on tag name
- Styles based on class name
- Styles based on id name
- Introduction to all styles

## Lesson 4



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- Introduction to Tables
- Parts of the Table
  - Table
  - Tr
  - Td
  - Th
- How to set up a table
- Table Attributes
  - Border
  - Width
  - Cellpadding
  - Cellspacing
  - Bgcolor
- Tr Attributes
  - Bgcolor
- Td Attributes
  - Width
  - Colspan
  - Rowspan
  - Bgcolor
- Nested Tables
- Tables as layouts

## Lesson 5

- Table free layouts
- One column layout
- Two column layout
- Three column layout

## Lesson 6

- Introduction to Forms
  - Naming elements
- Form tag
  - Action
  - Method
    - Post
    - Get
- Input tag
  - Text
  - Password
  - Radio
  - Checkbox
  - Submit



## Getting started with Web Languages: HTML and CSS

- Reset
  - Button
  - Hidden
- Select box
- Textarea
- Applying styles to forms

### **Lesson 7**

- Setting up a website
- How to host your site
- How manage your site

### **Lesson 8**

- Final Project

*Instructor reserves the right to alter the syllabus if/when needed*