WEBSITE CODING CERTIFICATE

Coding is becoming one of the most in-demand skills in the workplace today. As a result, coding has become a core skill that bolsters one's chances of becoming a higher value to organizations. The highest demand is for programming languages with broad applicability. Begin by getting introduced to the basics of computer programming and various programming languages. Then go to the next level and acquire all the basics of HTML and CSS. You will learn the relationship between these two industry-standard web page coding languages and the step by step process of hand coding and building web pages. Finally, discover the advanced features of CSS and learn how to use this very powerful language.

Students must take the Website Coding Certificate classes in the below order:

- **Introduction to Coding:**

After taking this course in "Introduction to Coding", you will be introduced to the basics of computer programing and various programing languages. New technologies allow people outside of the computer science field to be able to create their own web pages using code. Students will learn the basics of HTML, CSS, and Java Script in this course, as well as the practical uses for each.

- **HTML Fundamentals:**

This course covers all the basics of HTML coding language. You will learn building simple web pages by hand coding, using HTML tags to create paragraphs, heading, lists, links, insert images and tables and more. We also cover creating a simple multi-page website with images, text and a navigation bar.

- **CSS Fundamentals:**

In this introductory course, you will learn how to style web pages using Cascading Style Sheets (CSS) coding language. Topics include using inline, internal, and external CSS, web typography, formatting text, working with web colors, using Google fonts, working with id and class selectors, working with elements, creating page layouts using elements, and CSS box model.

CEUs/ILUs: 4.8 Length (in hours): 48 Price in CAD $799.00

WEBSITE CODING CERTIFICATE UNITS

Introduction to Coding

Unit 1

Introduction to Programming

- Types of programming languages

- Practical Uses of Programing

- Text Editors **Unit 2**

Basic HTML/CSS

- Introduction to HTML

- Introduction to CSS

- Making a Simple Web Page

Unit 3

Drawing and Coloring using Code

- Elements of Java Script

- Basic Drawing Using Code

- Basic Coloring Using Code

Unit 4

Basic Animation using Code

- Uses of Animation

- Animation Basics

- Making a Simple Animation

HTML Fundamentals

Unit 1

HTML Basic Tags

 naming convention, tags: h, p, b, i, u, hr, br, attributes

Unit 2

More HTML Tags

 links, lists, tables

Unit 3

Images, directory structure

Unit 4

Creating a multipage website, domains, hosting, pointing, FTP

CSS Fundamentals

Unit 1

Getting to Know CSS

 about CSS, CSS syntax, CSS types, working with internal CSS, styling text, styling links, styling lists, and styling tables.

Unit 2

Using External CSS

 working with external CSS sheets, styling a multi-page website, Google fonts, and Web colors.

Unit 3 div Elements

 id Selectors, introduction to elements, floating elements, Clearing Unwanted Floated Elements, web page layout using elements

Unit 4

More about div Elements

 centering a web page, CSS box model, resetting margins and paddings, class selectors, inline CSS, tag