

# HTML COURSE DESCRIPTION

This HTML course covers a typical website design curriculum including integral concepts such as documents, elements, scalable vector graphics and formatting. This course will successfully prepare students for the JavaScript course.

Whether you are getting ahead of the school curriculum or aiming for better grades this class will give you the solid foundation needed to succeed. Fundamental and important concepts will be taught in great detail leaving students with a deeper understanding of the concepts. This course is designed for fifth grade and up in order to equip students with the HTML skills necessary to excel in website design.

**Homework/Assignments:** Written homework or programming will be assigned.

**Tests:** Final Website and Exam will be graded at the end of the course

## Lesson 1 - HTML Keywords and Syntax Pt 1

Introduction to HTML  
Creating Web Pages  
Tags and Keywords

## Lesson 2 - HTML Keywords and Syntax Pt 2

HTML Page Structure  
Common Declarations  
HTML Versions

## Lesson 3 - HTML Elements and Attributes

Documents and Elements  
End Tags and Empty Elements  
Attributes and Sources  
Line Breaks and Display

## Lesson 4 - HTML Headings and Rules

Headings  
Horizontal Rules  
Style Attribute and Background Color  
Text Size and Color  
Paragraphs and Tag Reference

## Lesson 5 - Formatting

Formatting Elements  
Text Formatting  
Subscript and Superscript  
Abbreviations and Contact Information

## Lesson 6 - Formatting Pt 2

Bi-Directional Override  
Quotation and Citation Elements  
Computer Code Elements and Formatting  
Variable Elements

## Lesson 7 - Images and Canvas Pt 1

HTML Canvas and Browser Support  
Stroke Test  
Gradients and Images  
Scalable Vector Graphics

## Lesson 8 - Images and Canvas Pt 2

Images and Image Syntax  
Alt Attribute and Screen Readers  
Image Maps, Animations and Marquees

## Lesson 9 - HTML Tables

Defining Tables and Borders  
Headings and Cell Padding  
Captions and Tags

## Lesson 10 - Design Your Own Webpage

HTML Concept Review  
Webpage Design