

# WEB DESIGN

## Course Description:

The Internet is experiencing exponential growth. Much of that growth is attributable to the ease of web page creation. This course presents the principles for planning and designing attractive and informative websites. We cover how to use the HTML language to create content and structure of a webpage. Next we learn CSS in order to add style. Finally, we will introduce JavaScript, which gives life to our websites.

As evidenced based on classroom assessments, the student is able to:

- LT.1a Explain the importance of HTML in website development, its key components, and its role in creating a webpage
- LT.1b Build a simple webpage using HTML
- LT.2a Explain the HTML guidelines and best practices for building a website
- LT.2b Develop a webpage adhering to HTML guidelines, showcasing proper structure and syntax
- LT.3a Understand basic elements of HTML to add to a webpage
- LT.3b Understand and use basic elements of HTML to add to a webpage
- LT.4a Explain the process and significance of linking web pages in HTML
- LT.4b Properly link two webpages together
- LT.5a Describe the HTML syntax for inserting images
- LT.5b Properly insert images into my webpage
- LT.6a Explain the purpose and types of lists in HTML
- LT.6b Use lists in a webpage
- LT.7 Use embedded lists in a webpage
- LT.8 Use tables in a webpage
- LT.9 Use colspan and rowspan attributes for tables
- LT.10 Use forms in a webpage
- LT.1a Understand the importance and role of CSS to change the appearance of a website
- LT.11b Use basic CSS to change the appearance of a website
- LT.12 Use CSS to make a user-friendly website
- LT.13a Describe the CSS properties for changing color and background color
- LT.13b Change the color and background color of elements on my webpage
- LT.14a Understand font families and how they differ
- LT.14b Change the font of elements
- LT.15 Make the background an image
- LT.16 Change text properties on elements
- LT.17 Add lines to my text
- LT.18 Style anchors in their four different states
- LT.19 Style lists
- LT.20 Add a border to an element
- LT.21 Style tables
- LT.22a Describe the concept of the box model in CSS and its impact on webpage appearance
- LT.22b Understand the box model and use it to change the appearance of a website and the

objects in it

LT.23 Use ID and class attributes to style objects uniquely

West Salem High School is a Target-Based Grading and Reporting School. The learning targets above appear in the Skyward gradebook. Teachers provide feedback on each learning target to parents and students via the Skyward gradebook using a score of 3 (Proficient), 2 (Approaching), 1 (Needs Support), or 0 (No Evidence).