

Introduction And Instructions

Styles and Bootstrap, you will learn about the building blocks of CSS and the best ways to organize your CSS, HTML, and JavaScript code as you build web pages. You'll familiarize yourself with the functionality of Bootstrap, a popular styles framework. Finally, you'll use JavaScript to apply styles programmatically to create dynamic web pages.

Learning Outcomes

Course Learning Outcomes Addressed

- Explain the key web programming concepts
- Build web applications using JavaScript, HTML, and CSS
- Design and code user interactions on web pages
- Design and implement UI components for web applications

By the end of this week, you will be able to:

1. Apply styles to HTML code
2. Explain how CSS, HTML, and JavaScript work together to create web pages
3. Discuss CSS style guide and examples of programmatic styling
4. Apply CSS styles to create web page layouts
5. Use JavaScript to set web page styles

Activities

Key Activities

- Knowledge Checks 7.1 and 7.2
- Discussions
 - CSS Style Guide
 - Reflecting On JavaScript And CSS
- Coding Activities
 - Working with CSS and HTML Activity
 - Using the CSS Grid Layout Activity
 - Styling A Dynamic Grid Using JavaScript Activity
- Coding Assignments
 - Eye Movement Assignment

Self-Study Activities

- Applying Styles Programmatically
- Using Timers and Styles
- Styling the Grid Programmatically
- Animated Style Application
- Bringing It All Together
- Eye Exercise