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# SECTION HEADING

## CSCI 2215: Web Programming I with HTML

### Description

Web Programming I with HTML discusses current and futuristic web page technologies and trends, including responsive web design and mobile-first design strategies, incorporates audio and video into realistic case studies and promotes professional webpage development best practices by applying HTML for structure and CSS for style and layout.

### Credits

3

### Prerequisite

CSCI 1102

### Topics to be Covered

1. Introduction to the Internet and Web Design
2. Building a Webpage Template
3. Enhancing a Website with Links and Images
4. Applying CSS Styles to Webpages
5. Responsive Design for Mobile, Tablet and Desktop Devices
6. Creating Tables and Forms
7. Integrating Audio and Video into Websites
8. Creating and Interactivity with Social Media and JavaScript

### Learning Outcomes

1. Examine the fundamentals of how to plan and organize the webpages for a new website.
2. Design code using two fundamental webpage technologies to realistic case studies: HTML
3. for structure and CSS for style and layout.
4. Perform scripting tasks using platform independent HTML with HTML editor.
5. Incorporate scripting that addresses new web technologies and trends including responsive web design and mobile-first design strategies.
6. Develop exercise-oriented projects designed to require coding in HTML and CSS.
7. Demonstrate current scripting techniques incorporating media objects such as audio and video.
8. Demonstrate current scripting techniques encouraging interactivity through social media and JavaScript.
9. Apply professional webpage development best practices in navigation, usability and written content.

### Credit Details

Lecture: 3

Lab: 0

OJT: 0