

IST 216C : Introduction to Web Programming

Explores frontend web development technologies and techniques with a focus on HTML, CSS, JavaScript, and supporting libraries and frameworks. Students should be familiar with basic programming concepts prior to taking this course.

Credits 3

Lab/Practicum/Clinical Hours 2

Lecture Hours 2

Prerequisite Courses

IST 110C

IST 140C

Learning Outcomes

- Structure and organize data using hypertext markup language (HTML).
- Style document presentation using cascading style sheets (CSS).
- Build a functional web page using HTML and CSS.
- Manipulate HTML using JavaScript and the document object model (DOM).
- Build a simple web application using HTML, CSS, and JavaScript.
- Deploy a web application to a local server or cloud platform.
- Use web-based resources to develop and refine a technical skillset.