

Internet Programming Essentials

CIS-195 2

Fall Term 2024-2025 School Year Section 2 4.00 Credits 08/26/2024 to 12/13/2024 Modified 10/09/2024

Course Description

Students create a variety of multi-page Web sites using Hypertext Markup Language (HTML), XHTML and Cascading Style Sheets (CSS) while expanding their knowledge of the Internet, Web and HTML-based development. Additional topics include Web page layout using tables, frames, and style sheets; working with images, image maps and slicers; and learning how key technologies such as JavaScript, dynamic HTML, and XML are integrated with HTML web pages.

Outcomes

Technical Skills

- Basic HTML - Elements and Attributes
- Basic CSS - Styles and the Box Model
- Website Design
 - Creating a Sitemap
 - Creating Wireframes
 - Creating Webpage Templates
- Responsive Page Design
- Page Layouts
- Tables
- Web Forms
- Integrating Multimedia
- Basic JavaScript

Additional Outcomes

Course Materials

Responsive Web Design With HTML5 & CSS

Author: Jessica Minnick

Publisher: Cengage

Edition: 9th Edition

ISBN: 9780357706268 or 9780357423837

Availability: Bookstore, Online

Deliverables

Evaluation Procedures and Grading

Criteria

Type	Weight	Topic	Notes
Quizzes	10%		
Homework	30%		
Unit Projects	30%		
Final Project	30%		

Additional Items

Course Outline

When	Topic	Notes
Unit 0 Week 1	Introduction	
Unit 1 Weeks 1-4	Basic Web Design	Chapters 1-4
Unit 2 Weeks 5-8	Responsive Design and Layouts	Chapters 5-7
Unit 3 Weeks 9-12	Multimedia Sites	Chapters 8-9 + AFrames

When	Topic	Notes
Unit 4 Weeks 13-16	Additional Web Technologies	Chapters 10-12