CS 50 Web Design

APCSP Module 2: Internet

Unit 1: HTML

SYLLABUS

DR. ERIC CHOU

IEEE SENIOR MEMBER

HTML

Payment Gateway

CSS 3

GIF Animation

WEB DESIGNING

JavaScript

Form Submission

Bootstrap

Jquery

Learning Web Design

5th Edition

By Jennifer Robbins

O'REILLY®

5TH EDITION

"...the quintessential textbook and reference for the beginning to intermediate student and/or practitioner of web design."
—J. E. BRANDON, MICHIGAN STATE UNIVERSITY LIBRARY

Learning Web Design

A BEGINNER'S GUIDE TO HTML, CSS, JAVASCRIPT, AND WEB GRAPHICS

Jennifer Niederst Robbins

Whether you're a beginner or bringing your skills up to date, this book gives you a solid footing in modern web production. I teach each topic visually at a pleasant pace, with frequent exercises to let you try out new skills. Reading it feels like sitting in my classroom! —Jennifer Robbins

CS 50 Course Schedule Fall 2022				
Date	Topic	Quiz	In-class Demo	Assignment Project
W1-09/04	Unit 1 HTML: Chapter 1-chapter 4 Basic HTML page Design		Bistro Project	A Web-page with Favicon
W2-09/11	Unit 1 HTML: Chapter 5-7 Markup Language, Link and Images			
W3-09/18	Unit 1 HTML: Chapter 8-10 Table, Form and Embedded Items			
W4-09/25	Unit 2 CSS: Chapter 11-13 Basic CSS Styles (Text and Color)			
W5-10/02	Unit 2 CSS: Chapter 14-15 Box Model and Float			
W6-10/09	Unit 2 CSS: Chapter 16-19 Other CSS Techniques (Responsive Design)			
W7-10/16	Unit 3 JavaScript: Data Types			
W8-10/23	Unit 3 JavaScript: Program Structure			
W9-10/30	Unit 3 JavaScript: Arrays			
W10-11/06	Unit 3 JavaScript: Objects			
W11-11/13	Unit 3 JavaScript: DOM and Jquery			
W12-11/20	Unit 3 JavaScript: JavaScript Event-Driven Programming			
W13-11/27 (optional)	Unit 3 JavaScript Project (Optional):			
W14-12/04	Unit 4 Web Graphics Design: Basic Canvas			
W15-12/11	Unit 4 Web Graphics Design: Cansas Multimedia			
W16-12/18	Unit 4 Web Graphics Design: Canvas Project and Game Design			
Total				