

UMI 202 – Web Design and Programming Course Syllabus

Course Description

This course introduces the fundamental concepts of web design and development. Students will learn how the web works, how to create structured web pages using HTML, how to style them using CSS, and how to add basic interactivity with JavaScript. By the end of the course, students will build a simple, responsive personal or informational website.

Learning Outcomes

- Understand the structure and functioning of the World Wide Web.
- Create valid HTML documents with semantic structure.
- Apply CSS for layout, typography, and responsive design.
- Use basic JavaScript for simple interactivity.
- Design and publish a simple professional website.

Weekly Schedule

Week	Topics
1	Course introduction and overview
2	How the Web works: Internet, browsers, URLs, client-server
3	HTML basics: structure, headings, paragraphs, links, images
4	Links and images in depth
5	Tables and introduction to forms
6	Forms and embedded media
7	Introduction to CSS
8	Text formatting, colors, and backgrounds
9	Box model and positioning
10	Flexbox and Grid layout
11	Responsive web design
12	Animations and advanced CSS
13	Introduction to JavaScript and DOM
14	Final project presentations

Assessment

Midterm Exam: 30%

Final Exam: 40%

Assignments & Quizzes: 30%

Students are encouraged to ask questions at any time and actively participate in hands - on activities. Consistent practice is essential for success in web development.