CIS 295 : WEB DEVELOPMENT II

Transcript title

Web Development II

Credits

4

Grading mode

Standard letter grades

Total contact hours

50

Lecture hours

30

Other hours

20

Recommended preparation

CIS 195.

Course Description

Gain a deeper understanding of HTML (for structure) and CSS (for style) while creating multi-page websites suitable for businesses and organizations. Explore web development's more advanced techniques useful for improving usability and user experience. Plan and design websites for desktop and mobile users.

Course learning outcomes

1. Utilize the most recent HTML elements and CSS properties to create and style webpage content.
2. Plan, construct, and style webpage layouts for multiple devices and users.
3. Construct website features commonly found on large website projects.

4. Integrate site management concepts such as SEO and accessibility into a website's plan, layout, and design.

Content outline

- Usability and user experience
- Mobile web design
- Advanced HTML elements and CSS properties
- Efficient HTML/CSS syntax
- CSS extension languages
- Large-scale navigation menus
- Search Engine Optimization (SEO)
- Designing web forms
- Web developer's portfolio

Required materials

Internet access for web-based e-books and learning resources is required.