

Fundamentals of Website Design

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Description

The objective of this course is to learn the fundamentals of web design, which includes the analysis, design, and development of static websites. Extensible Hypertext Markup Language and Cascading Style Sheets are emphasized. Assessment is based on a site analysis, exams, assignments, participation, and developing a professional website.

Book

Robbins, Jennifer. 2006. *Web design in a nutshell*. Cambridge, MA: O'Reilly Media. ISBN 978-0596009878

Policies

All work is to be typed and stapled. Complete, legible, printed copies of your work are required for all assignments. A USB flash drive is required for bringing workshop assignments to class. All assignments must include your name, name of the course, and name of the assignment. The final project must be uploaded to a personal web domain.

Plagiarism

Plagiarism and any other kind of academic dishonesty may result in failing the course and further disciplinary action by the university. You are responsible for protecting your work from being misrepresented. If you allow your work to be copied and submitted then you are guilty of academic misconduct and may be reprimanded.

ADA

Notify me or contact the disabled student programs office if you have a disability that may encumber your performance.

Assessment

All websites will be assessed against the Mozilla Firefox 3.0 browser. All assignments are due at 12 noon of the date listed. Late assignments are not accepted.

Exams 20 (total 40)

CSS 15

Website 35

Participation 10

Schedule

Please note that this schedule serves as a guide and may be modified as a result of course dynamics and aptitude for the material.

Week 1

Syllabus
Basic design principles

Week 2

Robbins 1: Web standards
Robbins 2: Browsers

Week 3

LABOR DAY (9/7)
Robbins 3: Displays
Robbins 4: Servers

Week 4

Robbins 5: Accessibility
Robbins 6: Internationalization

Week 5

Robbins 7: XML
Robbins 8: (X)HTML

Week 6

Robbins 9: Document structure
Robbins 10: Text elements

Week 7

Review (in-class)
EXAM #1 (10/8 at noon)

Week 8

Robbins 11: Links
Robbins 12: Images and objects
Robbins 13: Tables

Week 9

Basic design principles (redux)
Find, submit, and comment on class
samples

Week 10

Robbins 14: Frames
Robbins 16: CSS

Week 11

Robbins 17: Selectors
Robbins 18: Font and text
CSS DUE (11/5 at noon)

Week 12

Robbins 19: Box properties
Robbins 20: Color

Week 13

Robbins 21: Float and position
Robbins 23: Lists

Week 14

Robbins 24: CSS techniques
Robbins 28: Web graphics

Week 15

Review (in-class)
EXAM #2 (12/3 at noon)

Week 16

WEBSITE DUE (12/10 at noon)