

**PBDS 660.185: introduction to Hypermedia  
Spring 2007**

**Instructor:** Nancy Kaplan

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**Office Hours:** Tuesdays 4-8 PM and by appointment (even for office hours, please schedule with Tia Greene -- [tgreene@ubalt.edu](mailto:tgreene@ubalt.edu) -- whenever possible to avoid double-bookings and other mishaps).

**Web Site for PBDS 660:** [http://iat.ubalt.edu/courses/pbds660.185\\_sp07](http://iat.ubalt.edu/courses/pbds660.185_sp07)

**Course Description:**

An introduction to technologies and concepts that underlie document and information design for the Web. Students become familiar with client/server computing and acquire proficiency in HTML by developing code directly, without the use of simplified editing tools. Historical and critical readings explore the social context of the Web and other hypermedia systems. Projects introduce students to current development and production practices. Lab fee required.

**Required Texts:**

Cederholm, D. *Web Standard Solutions*. ISBN 9781590593813

Krug, S. *Don't Make Me Think*. ISBN 9780321344755

Zeldman, J. *Designing with Web Standards*. ISBN 9780321385550

**Recommended Texts:**

Cederholm, D. *Bulletproof Web Design: Improving Flexibility and Protecting Against Worst-Case Scenarios with XHTML and CSS*. ISBN: 9780321346933

Keith, J. *Dom Scripting: Web Design with JavaScript and the Document Object Model*. ISBN 9781590595336

Shea, D. *The Zen of CSS Design: Visual Enlightenment for the Web*. ISBN 9780321303479

**Additional Policies**

A statement of general academic policies appears on my Web site. That statement is an extension of this document. See <http://iat.ubalt.edu/kaplan/policies.htm>.

Please also read the University's policies in the [Student Handbook](#).

## Schedule of Readings and Assignments:

1/29	Class Goals and Expectations and Discussion Strategic Decision Making Review of Assignments, Blog Usage	
2/5	<b>Quiz 1: People and Protocols</b> How the Web Works - Basics Languages and Acronyms Units of Measure Reading Review	Zeldman: Intro through Chapter 3 Krug: Intro through Chapter 2
2/12	<b>Quiz 2: Standards and Languages</b> DOCTYPE What is a structured document? Proper XHTML markup syntax XHTML Tag Introduction	Zeldman: Chapters 4 through 7 Krug: Chapters 3 through 5
2/19	XHTML (Lab) • Anchors and Referencing • Basic Tags	Zeldman: Chapters 8 and 11 Cederholm: Chapters 1 through 4
2/26	XHTML (Lab) • Tables • Forms	Cederholm: Chapters 6 through 9  <b>Assignment 1 due.</b>
3/5	XHTML and XHTML Review (Lab)	Krug: Chapters 6 and 7  <b>Assignment 2 due.</b>
3/12	<b>Quiz 3: XHTML</b> Introduction to CSS CSS Basic Syntax	Cederholm: Chapter 10
3/19	No class, Spring Break	Don't worry; be happy.
3/26	CSS Techniques (Appearance) (Lab) • Fonts • Tables • Images	Zeldman: Chapters 9 and 10 Cederholm: Chapter 13
4/2	Instead of class, we will hear a presentation from Dan Brown, author of <i>Communicating Design</i> .	Zeldman: Chapters 12 and 13 Cederholm: Chapters 11 and 12  <b>Assignment 3 due.</b>
4/9	The Box Model (Lab) CSS Techniques (Layout) • Multi-column layouts • Floating and nested floats • Positioning	Cederholm: Chapters 14 and 15  <b>Assignment 4 due.</b>

4/16	CSS Review (Lab) Advanced CSS Techniques • Styling lists • Image replacement	Zeldman: Chapters 12 and 14 Krug: Chapters 8 through 11
4/23	<b>Quiz 4: CSS</b> Browser testing techniques Introduction to Usability Testing Accessibility Issues	
4/30	Review for Final Project Project Work	
5/7	Final Project Presentations Course Review and Discussion	
5/14	<b>Final Exam</b>	

### Assignment Weights

Quizzes (4 worth 5 points each)	20 points
Assignment 1	15 points
Assignment 2	15 points
Assignment 3	30 points
Assignment 4	20 points
Assignment 5	50 points
Final Exam	50 points
Total	200 points