

**:::E19.2251: EDUCATIONAL DESIGN FOR THE WORLD WIDE WEB:::
FALL 2007**

WEDNESDAYS, 6:45–8:25 PM • EAST BUILDING, 2ND FLOOR
INSTRUCTOR: JIM DIAMOND • jpd247@nyu.edu
OFFICE HOURS: BY APPOINTMENT
ON-LINE SYLLABUS: [HTTP://WEBDESIGN.PBWIKI.COM](http://webdesign.pbwiki.com)

E19.2251 introduces students to instructional design concepts and environments for the web, based on principles drawn from instructional design models and cognitive and constructivist perspectives on learning and instruction. Students develop an understanding of the unique design potential and challenges of Web-based instructional materials. Students develop skills in HTML, CSS, JavaScript, and *Flash* to design web sites and incorporate multimedia content into sites.

:::MEETING SCHEDULE:::

:::9/5—INTRODUCTIONS & GETTING STARTED

Mac basics, image basics, ftp (*Fetch*), file paths, file naming conventions, creating a web page, groups
::For next week: Visit—Web Pages that Suck (<http://www.webpagesthatsuck.com/>)

:::9/12—INTRODUCING DREAMWEAVER

Creating a site, the *Dreamweaver* interface, creating html pages, creating styles

:::9/19—HTML & CSS

Designing with style sheets
::Reading due this week: Theories of learning and their application to technology—
http://homepages.nyu.edu/~jpd247/2251/readings/mayer_theories_and_apps.pdf; *Web Standards Solutions*—Introduction

:::9/26—HTML & CSS

More with style sheets and html pages
::For next week: Visit—CSS Zen Garden (<http://www.csszengarden.com/>), CSS Zen Garden Resource Guide (<http://www.mezzoblue.com/zengarden/resources/>), Little Boxes CSS Layout Page (http://www.thenoodleincident.com/tutorials/box_lesson/boxes.html)

:::10/3—HTML & CSS

Even more with styles sheets and html pages

:::10/10—HTML, CSS, AND A DESIGN PITSTOP

Wrapping up with style sheets and html pages; some graphic design basics
::Reading due this week: Clark & Mayer, Chaps. 1–3

:::10/17—WORKING WITH FORMS

Using web forms; **Design documents due**

:::10/24—JAVASCRIPT & BEHAVIORS

Introducing JavaScript and Dreamweaver behaviors; **Design document critiques due**

::: 10/31—JAVASCRIPT & BEHAVIORS

More with JavaScript

::: 11/7—JAVASCRIPT & BEHAVIORS

Wrapping up JavaScript

:::Reading due this week: Clark & Mayer, Chaps. 4–8

::: 11/14—INCORPORATING MEDIA

Incorporating audio and video files into your html pages

::: 11/21—NO CLASS

Enjoy the break!

::: 11/28—INTRODUCING FLASH

Flash interface and basics

::: 12/5—FLASH

Tweening in Flash

:::Reading due this week: Clark & Mayer, Chaps. 9–14

::: 12/12—FINAL CLASS/STUDENT SHOWCASE

Students should be prepared to give a 5-minute presentation to the class, demonstrating their sites and their instructional goals

:::REQUIRED MATERIALS

1. Dreamweaver CS3 (30-day free trial available from Adobe: <http://www.adobe.com/products/dreamweaver/>)
2. Fetch (available for free through NYUHome under the “Ask ITS” link)
3. Flash CS3 (30-day free trial available from Adobe: <http://www.adobe.com/products/flash/>)
4. Cederholm, D. (2003). *Web Standards Solutions: The Markup and Style Handbook*. New York: Friends of. (available through Books 24x7)
5. Clark, R.C. & Mayer, R.E. (2003). *E-learning and the Science of Instruction*. San Francisco, CA: Pfeiffer. (\$32.97 + shipping through Amazon)

:::CLASS DELIVERABLES

1. Class assignments (30%)
2. Final project (30%)
3. Design document (20%)
4. Annotated bibliography (10%)
5. Design document critique (10%)

**ALL CLASS WORK AND FINAL PROJECTS ARE DUE BY 5:00 PM,
12/19/2007**
