THE DESIGN PROCESS
INTERFACE DESIGN

USER PERSPECTIVE (Human/User Centered Design)
Client needs, User needs, Usability, Features, Site Organization, Visual Designs

PRE-PRODUCTION
Define
Client Documentation (research, project brief, user profiles, feature specs, site maps, wireframes)

Draft
Visual Mockups (round 1 designs, round 2 designs, round 3 designs, final designs)

Design

PRODUCTION
Develop
HTML & CSS (converting from Photoshop to HTML, testing multiple layouts, CSS positioning, due diligence, etc)

POST-PRODUCTION
Deliver

SYSTEM PERSPECTIVE (Technologies)
System needs, Scripting & Programming Languages, Content Management, Site Maintenance, Site Validation
THE DESIGN PROCESS

INTERFACE DESIGN

A MORE REALISTIC TIME ALLOCATION:

- **Define**
  - Client Documentation
    - (research, project brief, user profiles, feature specs, site maps, wireframes)

- **Draft**
  - Visual Mockups
    - (round 1 designs, round 2 designs, round 3 designs, final designs)

- **Design**

- **Develop**
  - HTML & CSS
    - (converting from photoshop to html, testing multiple layouts, css positioning, etc)

- **Deliver**
THE DESIGN PROCESS
INTERFACE DESIGN

A MORE REALISTIC TIME ALLOCATION:

Define
Client Documentation
(research, project brief, user profiles, feature specs, site maps, wireframes)

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Visual Mockups
(round 1 designs, round 2 designs, round 3 designs, final designs)

Design

Develop
HTML & CSS
(converting from photoshop to html, testing multiple layouts, css positioning, etc)

Deliver

ART 229
Interface Design 1

ART 128
Interface Programming 1
GAME PLAN

SEMESTER OUTLOOK

HOW MY CLASSES WORK

» Video lessons
» 1 on 1 meetings

CRITIQUES

» Critiquing both the presenter and the critic
» Class participation grade
WHAT ARE “WEB STANDARDS”?
  » Keywords: “well-formed, semantic, accessible, web-standard-compliant”

WHAT IS “FRONT-END” CODING?
  » What is Markup?
    » Doctypes: HTML? XHTML? HTML5?
  » What is CSS?
  » What is Javascript? Jquery?

WHAT’S THE DIFFERENCE BETWEEN CONTENT & STYLE? WHAT ABOUT FUNCTION?
  » The importance of separating content from style

SO WHAT IS ALL OF THE HTML5 HYPE ALL ABOUT ANYWAY?
SET UP A LOCAL WORKING ENVIRONMENT & FOLDER STRUCTURE

INTRO TO THE A FRONT-END EDITING INTERFACE

» Software Options: Dreamweaver, Brackets, Sublime
» Setting up a root directory for your class web page & exercises

SETTING UP A BASIC HTML DOCUMENT/INTRO TO HTML

» Seeing what Dreamweaver spits out
» Common (most-used) Markup Elements (“Tags”)
» HTML5-specific code
LES<i>SION  
TIPS, TRICKS, & TECHNIQUES
</i>

SET UP A LOCAL WORKING ENVIRONMENT & FOLDER STRUCTURE

- **Root Directory** (Where Your Web Site Resides)
- **Local Design Files** (Large Source Files like PSD's)
- **Web Site Files Only** (Small HTML, CSS files, exported images, etc)

![Folder Structure Diagram]
SET UP A LOCAL WORKING ENVIRONMENT & FOLDER STRUCTURE

- **Local Files @ Home** (Personal Computer)
- **Local Files @ School** (via Personal Media/ Hard Drives)
- **Remote Server** (Your Personal Hosting Space)
- **Backup Drive**

FTP connections between the devices.
SET UP A LOCAL BACKUP SYSTEM @ HOME

Backup Large Drive B
(exact copy of Drive A)

Main Large Drive A
(The Master)
IN-CLASS INTRODUCTIONS
WHO YOU ARE, YOUR GOALS, ETC…

NAME

GOAL FOR THIS SEMESTER
  » What do you want to get out of this course?

IDEAL JOB THAT YOU EVENTUALLY WANT
  » What role/position do you want in that job?

HAVE YOU EVER CODED/BUILT A WEB SITE BEFORE?

HAVE YOU EVER USED HTML, CSS, or JAVASCRIPT BEFORE?
  » How comfortable do you feel with using them?
EXERCISE
IN-CLASS

WE WILL SET UP OUR CLASS WEB PAGE(S)

WE WILL GO OVER SOME BASIC HTML

TIME PERMITTING:

In-Class Exercise:

Create a simple HTML page with markup alone.
QUESTIONS?
NO QUESTION IS A DUMB QUESTION

IF YOU EVER HAVE ANY QUESTIONS REGARDING THE PROJECT, PLEASE USE LAULIMA

» Post any questions, concerns, etc. on the Discussion board in Laulima.