

# CIS 4004: Web-Based Information Technology Spring 2011

Homework Assignment #2 (100 pts)  
**Due Friday February 11th, 2011**

Instructor : Dr. Mark Llewellyn  
markl@cs.ucf.edu  
HEC 236, 407-823-2790  
<http://www.cs.ucf.edu/courses/cis4004/spr2011>

Department of Electrical Engineering and Computer Science  
University of Central Florida



# Homework Assignment #2

- This assignment has two main objectives:
  - (1) To give you more practice writing XHTML markup based on the Strict-DTD that contains nested lists and uses both external and embedded CSS to style the content.
  - (2) To practice applying CSS-P properties to style page layouts. We'll focus on relative positioning and floating in this assignment. We will not use any absolutely positioned elements in this assignment.



## XHTML For Assignment #2

- I want you to create a weekly calendar of the main things that you will need to do next week. The calendar will be in the form of nested lists. Shown on the next page is a markup-only version of the page I constructed for me. Note that the nesting goes to three levels.
- You must have at least 1 AM and 1 PM event for every day of the week.
- Hint: Get your markup to look like the following page before you worry about the styles.

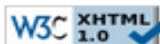


## My Week - Mark Llewellyn

- Monday - February 7th
  - AM
    - 11:30-12:20 - CIS 4004
  - PM
    - 12:30-1:15 - Lunch with Kristi
    - 1:30-2:20 - CGS 2585
    - 2:30-3:20 - Office Hours
    - 3:30-4:20 - CNT 4603
- Tuesday - February 8th
  - AM
    - 9:00-10:15 - CNT 4714
    - 10:30-12:30 - Office Hours
  - PM
    - 12:45-5:00 - Work On Class Notes
- Wednesday - February 9th
  - AM
    - 11:30-12:20 - CIS 4004
  - PM
    - 12:30-1:20 - Office Hours
    - 1:30-2:20 - CGS 2585
    - 2:30-3:20 - Office Hours
    - 3:30-4:20 - CNT 4603
- Thursday - February 10th
  - AM
    - 9:00-10:15 - CNT 4714
    - 10:30-12:30 - Office Hours

- 9:00-10:15 - CNT 4714
- 10:30-12:30 - Office Hours
- 12:30-1:30 - Lunch with Kristi
- PM
  - 1:30-5:00 - Work On Class Notes
- Friday - February 11th
  - AM
    - Prepare for classes
  - PM
    - 1:30-2:20 - CGS 2585
    - 3:00-5:00 - Faculty Meeting
    - Pack and leave for race
- Saturday - February 12th
  - AM
    - 6:30 - Get up and head to course
    - 8:30 - Warmup for race
    - 9:30 - Race
  - PM
    - Head for home
- Sunday - February 13th
  - AM
    - Sleep in
    - Sleep in some more
  - PM
    - Get bikes ready for next weekend

Note that this is two screen shots of a page that is all in 1 "column"



# XHTML For Assignment #3

- Note that all of the lists are unordered lists and that each day is broken into 2 sublists for AM and PM events.
- Also notice the horizontal rule under the main heading, below the main content, and below the footer area.
- The blank lines are inserted (do it carefully to pass the Strict DTD validator) using `<br />` elements.
- Change the document to your name and your events!
- Notice the icons for the W3 validators for XHTML and CSS that are included at the bottom of the markup in the footer area.



# CSS For Assignment #3

- For this assignment you will use a combination of external and embedded styles.
- **Do not use any inline styles for this assignment.**
- The final page should be styled to look like the one shown on the next page.
- Notice that the calendar has been split into three “columns” this was done using CSS and the float property (as discussed in class – see lecture notes). The validator icons are also relatively positioned side by side in the footer area.
- Notice that the outermost list no longer contains the “bullets” that appeared in the markup-only version.
- The final page must include the valid icons as provided by W3C once your XHTML and CSS pages successfully validate.



## My Week - Mark Llewellyn

### Monday - February 7th

- AM
  - 11:30-12:20 - CIS 4004
- PM
  - 12:30-1:15 - Lunch with Kristi
  - 1:30-2:20 - CGS 2585
  - 2:30-3:20 - Office Hours
  - 3:30-4:20 - CNT 4603

### Thursday - February 10th

- AM
  - 9:00-10:15 - CNT 4714
  - 10:30-12:30 - Office Hours
  - 12:30-1:30 - Lunch with Kristi
- PM
  - 1:30-5:00 - Work On Class Notes

### Saturday - February 12th

- AM
  - 6:30 - Get up and head to course
  - 8:30 - Warmup for race
  - 9:30 - Race
- PM
  - Head for home

### Tuesday - February 8th

- AM
  - 9:00-10:15 - CNT 4714
  - 10:30-12:30 - Office Hours
- PM
  - 12:45-5:00 - Work On Class Notes

### Friday - February 11th

- AM
  - Prepare for classes
- PM
  - 1:30-2:20 - CGS 2585
  - 3:00-5:00 - Faculty Meeting
  - Pack and leave for race
  - **MAKE SURE CIS 4004 Assignment IS DONE**

### Sunday - February 13th

- AM
  - Sleep in
  - Sleep in some more
- PM
  - Get bikes ready for next weekend

### Wednesday - February 9th

- AM
  - 11:30-12:20 - CIS 4004
- PM
  - 12:30-1:20 - Office Hours
  - 1:30-2:20 - CGS 2585
  - 2:30-3:20 - Office Hours
  - 3:30-4:20 - CNT 4603



# CSS Restrictions

1. The external style sheet should be used only to specify the styles for the “boxes” and the “columns”.
2. The embedded stylesheet should be used for all other styling.
3. My Week - Your Name is a single (one element) level 2 header and the two parts must be of different colors.
4. You can style the AM and PM indicators to be any color you like so long as they are different.
5. The background color can be of your choice, but be sure you have good contrast with all other colors you choose.
6. The boxes around each day must have a contrasting color border with any color background that you like. I used an arial 14 point font for this text.
7. You must include both the XHTML and CSS valid icons that appear in the footer area of the page.





# CSS Restrictions

8. I put 2 pixels of margin and padding in the boxes for each day of the week, you can vary this as you see fit.
9. I set the width for all “columns” to be 310 pixels, but you may need to vary this a bit depending on the width and resolution of your screen. We won’t worry yet about liquid versus fixed layouts, so pick a width that looks good on your system and I’ll adjust the windows on my system to make it look good when I view your markup.
10. The horizontal rules are styled to be 1pixel in height. You can set them to any color you would like.



# When And What To Turn In

- The deliverables for this assignment are:
  1. XHTML document (30 pts)
  2. CSS external stylesheet (30 pts)
  3. A document containing screen captures for both XHTML Strict validation and CSS validation (both passing!) (10 pts)
  4. A screen shot of your final rendered document. (30 pts)
- The deliverables for this assignment are to be submitted via WebCourses no later than 11:55pm (WebCourses time) on Friday February 11, 2011.

