'HTML I'

Topic: HTML
Date: Monday, April 8, 2013
Time: 2-2:50PM
Location: Fisk 311
Lead instructor: Jeremy Gilbert

Description: Learn to create a basic webpage in HTML. The basics: Creating a document, HTML elements, structure and syntax, semantics.

Learning Goals: *(at least three, no more than five)*
- Understand what a markup language is
- Know why semantics matter
- Master creation of an HTML page
- Introduce basic block elements
- Introduce basic inline elements

Pre-work: *(readings, tutorials and/or assignments)*
- Create an account on Codecademy. Make your profile public (under profile settings) and complete all sections in "Introduction to HTML."
- Read 20 Things I Learned About Browsers And The Web.
- Know that this exists: an explanation of nerdy terminology.
  Note: Pre-work is graded on completion, no specific feedback unless needed.

Outline of workshop:
- **Lecture/slides/learning points:**
  - Origins of HTML
  - Different versions of HTML
  - Stack description
  - Block vs Inline elements
  - View source and browser inspector
  - Code validation
- **Activities/Discussion Topic:**
  - Open a web browser (preferably Chrome) and inspect element on a news website
    - Probably NPR.org
  - Discuss Origins of HTML
  - Tools
    - Text Editors
    - FTP

- - - - ■ Hosting
    - ○ Why is semantic/proper markup important?
    - ○ Key HTML tags
        - ■ DocType
        - ■ Head tag
            - ● Title Tag
        - ■ Body tag
            - ● Header tags
            - ● P tags
            - ● List tags
            - ● Anchor tags
            - ● IMG tags
            - ● EM tags
            - ● Strong tags
    - ○ Folder structure
        - ■ Absolute vs Relative linking
    - ○ Practice using tags, publish locally

Post-work: *(assignment and additional readings if needed)*
- ● Build your resume, from scratch, in HTML
    - ○ Use at least three different kinds of header tags
    - ○ At least one paragraph tag and one list (either kind)
    - ○ Include at least one link and one image
    - *Note: Post-work is graded by rubric and feedback will be given to students.*

Post-work rubric: *(how will you grade what are the key components and how many points per component)*
- ● 'Xyx' [# points]

---------------- *Please post this completed document* ----------------