### **Introduction**

* Syllabus
* Study tips, success in the class
  + Show up to class
  + Ask questions
  + Stay on track with assignments
    - * Late assignments will not be accepted w/o PN
  + Access to a computer and Internet
  + Collaborate with other students in class
* [**Hypertext Markup Language - HTML**](https://www.w3schools.com/Tags/ref_byfunc.asp)
* [**Cascade Style Sheets - CSS**](https://www.w3schools.com/cssref/default.asp)
* Discuss
  + Lab Assignments
  + Quizzes
  + Project #1
  + Midterm Exam
  + Final Project

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### **Day 1 Topics**

* Open Google drive
  + Create “CIS-195” folder
  + Open “CIS-195” folder
  + Create “css” subfolder
  + Create” img” subfolder
  + Create a “labs” subfolder
  + All web related files will be saved here. The “CIS-195” folder can be zipped downloaded to the local machine to work on, test, and modify documents. Individual files can be downloaded separately if only a few are needed. The files will have to be drag-n-dropped back into the Google drive once done
* Login to Moodle
* Tools
  + web browsers
  + notepad
  + file system
* URL + Path
  + URL is the web address
  + Next comes the folders to the web pages
  + Then comes the filename, but not always shown
* File Extensions
  + html, htm,php, aspx
* Default Filename
  + Index.htm
* Elements
  + Tag closing vs. Self closing
* Attributes
  + Modifications or extra data for Elements
  + Like color, height, and width
* HTML Structure
  + DOCTYPE
  + HTML
  + HEAD
    - * Language
      * Title
      * Meta
      * Links
  + BODY
    - * Text Headers
      * Paragraphs
      * Line Breaks
      * Divs
      * Tables

### **Day 2 Topics**

* Web Page Structure
  + Use text headers for web page readers (WPR) for the seeing impaired
  + Comments
  + Usually one main text header <H1> per web page.
  + <B> vs. <STRONG>
  + <I> vs. <EM>
  + <STRONG> and <EM> preferred in WPRs
    - More emphasis and meaning to WPRs
  + Empty spaces, tabs, and line breaks
  + Closing tag elements vs. empty tag elements
  + Block-level vs. Inline-level groupings
  + Description List
  + Ordered List
  + Unordered List
  + Semantic HTML
  + Special characters

