

## CPS630 Lab1: RWD

Due: January 29<sup>th</sup> @ 23:00hr

Lab 1: Cross browser compatibility & Responsive web design lab:  
Create responsive, modern professional grade website (3 web pages minimum)  
from scratch.

- Using **Only** pure Html5 and CSS3 (no external frameworks,library , or JavaScript. None pure html5 and CSS3 implementation will result in a ZERO for the lab.)
- Html 5 must have:
  - <article>
  - <figcaption>
  - <header>
  - <section>
  - <aside>
  - <figure>
  - <main>
  - <details>
  - <footer>
  - <nav>
- CSS3: @media must be used to detect at least 4,'breakpoints', group of resolutions
  - Desktop, and various mobiles
  -
- CSS3 styling must not be embedded inside html page: One 'filename.css' file for the entire site
- Using 'mobile first' design principle to ensure sure your site look and functions well across various platform.
- Fill contents with interesting information about yourself and technology news.
- Provide feedbacks on user interaction with application of transition and transformation

**Submit** your entire website in a zipped folder with index.html, and images they should be in a subfolder.

Make sure TA can fully run your site with just an execution of index.html file

Minimum layout should look like the following:



Design Resources and inspirations:

- <http://www.awwwards.com/websites/clean/>
- <http://www.awwwards.com/trendy-web-color-palettes-and-material-design-color-schemes-tools.html>
- <https://color.adobe.com/>