Midterms Part 1: Lecture Notes (02 March 2018)

MIDTERMS:

Cascading Style Sheets (CSS)

CSS Fundamentals  
 CSS Preprocessors, Frameworks and Libraries  
 Client- Side web Scripting (CSWS)  
 JavaScript(JS) fundamentals  
 Document Object Model(DOM)  
 JS Preprocessors, Frameworks and Libraries  
 JQuery and other CSWS Technologies (JAVA Applets)

**CSS Fundamentals**

After knowing HTML that is mainly for the structure of your website, now, let’s go and learn CSS.

Cascading Style Sheets(CSS) is mainly used to specify the layout/formatting of a website. It is where style such as font, color and other elements are applied.

It is applicable not only to HTML but also to:

1. SVG
2. XML
3. MATHML and others.

* CSS started in 1994. It is developed by Hakon Wein Lei, who work at CERN and Bert Bos.
* Hakon Wein Lei developed the CHSS which stands for Cascading HTML Style Sheets however when the W3C came in the HTML was dropped in CHSS instead carried the name CSS.

Please refer to the link for the timeline/ history of CSS <https://www.w3.org/Style/CSS20/history.html>

There are many cascading html style sheets extensions that can be used such as:

Web Maker, SSP, Ghome and others. This is applicable for Mozilla Firefox and even Google Chrome and Safari however the presentation/display varies depending on the browser.

CSS LEVEL 1: W3C dropped the H in CHSS and include basic concepts such as selectors by : id , class etc.

There are sets of priorities based on what you defined in your stylesheets.

It will cascade to the next priority level on how style is going to be rendered.

CSS LEVEL 2: didn’t take off so much

CSS Level 2.1: more popular one, released after 5 years

CSS LEVEL 3: grows so large, syntax, style attribute, media queries, name specification etc.

It uses a modular approach.

Please refer to Cascading Style Sheet : The Official Definition   
 W3C.org and MDN (Mozilla Developer Network)