**Subject**: Web Development **Lesson**: CSS

**Class**: Grade 10 & 11 **Time**: 2 Sessions (100 minutes)

**Date**: 2/11/2017 **Teachers**: M. Al-Musawi, R.Damaj & R.Khalil

**Purpose of the Lesson:**

The main purpose of this lesson is to demonstrate what CSS is and how CSS and HTML work together to create a well designed web-site.

**Objectives**:

After completing this lesson, you will:

1. Understand what is CSS.
2. Learn the about syntax of CSS.
3. Learn how to create an external CSS file.
4. Learn how to connect HTML with CSS.
5. Learn how to change color, position and size of the text.
6. Learn how to us id and class in CSS and HTML.

**Terms:**

CSS , property and value.

**Session:**

1. Define CSS and it uses.

<https://www.w3schools.com/css/>

1. How to connect CSS with HTML.

<link rel="stylesheet" href="mystyle.css">

<https://www.w3schools.com/css/css_howto.asp>

1. CSS Syntax.

<https://www.w3schools.com/css/css_syntax.asp>

1. How to change the color, position and size of text in CSS.

selector {color: blue; text-align: center; font-size: 20px}

<https://www.w3schools.com/css/css_text.asp>

1. Learn about ids and classes in CSS and HTML and their uses.

<https://www.w3schools.com/css/css_syntax.asp>

1. How to select a tag using id.

* First you add an id attribute to the tag to you want to select.
* In order for you to use the id in the CSS you first need to put **#** then the id value.

#notes-heading {color: red;}

<h1 id="notes-heading">Notes:<h1>

1. How to select a tag using a class.

* First you add an class attribute to the tags you want to select.
* In order for you to use the id in the CSS you first need to put **dot.** then the class value.

.notes-text {text-align: center;}

<h2 class="notes-text">This is text in a heading<h2>

<p class="notes-text">This is text in a paragraph<p>

**Exercise:**

Student should be able to color a text, format a text, insert a background.

**Requirement:**

1. Change the color of the text in the header, second paragraph and third paragraph to yellow. (to accomplish this task use class)
2. Change the position of the header to the center.
3. Change the color of the hyperlink to green.
4. Change the font size of the text in the paragraph.
5. Change the color of the last paragraph to pink.
6. Move the credit to the right.
7. You must use external CSS file.
8. You must use at least one class and one id
9. You must not use HTML formatting.

**Extra challenge:**

1. Change the color of the hyper link, on hover.
2. Put the image in the center.
3. Change the shape of the pointer when you hover on the link.
4. Make the style of the last paragraph italic.

