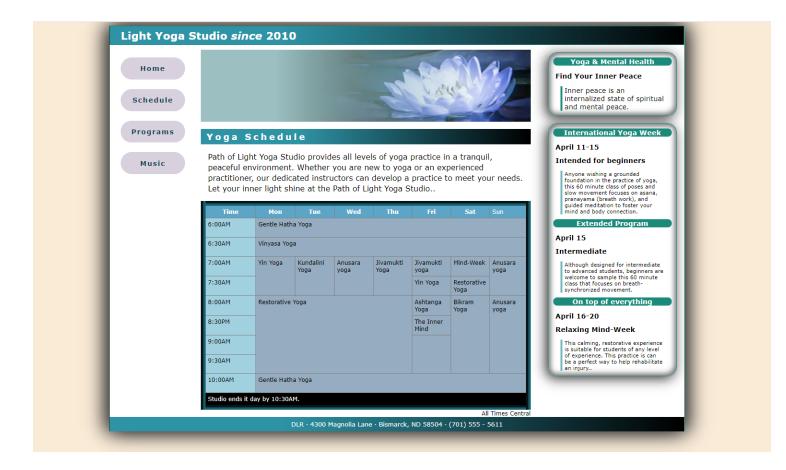


### COMMERCE AND BUSINESS ADMINISTRATION

CSIS 1280: MULTIMEDIA WEB DEVELOPMENT

Mid-Term Exam (October 22, 2020) (30 % towards your Final Grade)

Code the home page (index.html) for the following website. Place all the CSS in a separate file styles.css



#### **Three-column Page Layout (see wireframe)**

- Configure a centered three-column page layout using a div having 100% width (use minimum width: 320px and maximum width: 1200px)
- Configure a box-shadow effect on the div

### The header element

Configure a header with an h1 element. Use style declarations for a linear gradient background

### The nav element

- Configure style declarations for hyperlinks that looks like rounded buttons
- Configure the :link, :visited and :hover pseudo classes on *nav a* element selector. The links should change color when mouse is hovered or visited
- Code a style rule to prevent the hyperlinks in the nav area from displaying the default underline

### The section with id="main"

- Configure an img element (logo.jpg) with 100% width and 150px height
- Configure an h2 element with 1.1em font-size, 5px letter spacing and a linear gradient background
- Configure a p element with 1.4em line height and 15px margin
- Configure a table (width set to 100%).
  - Use thead, tbody and tfoot.
  - o Use border, font-size, border-collapse, padding, vertical-align, caption-side, background.

### The section with id="right"

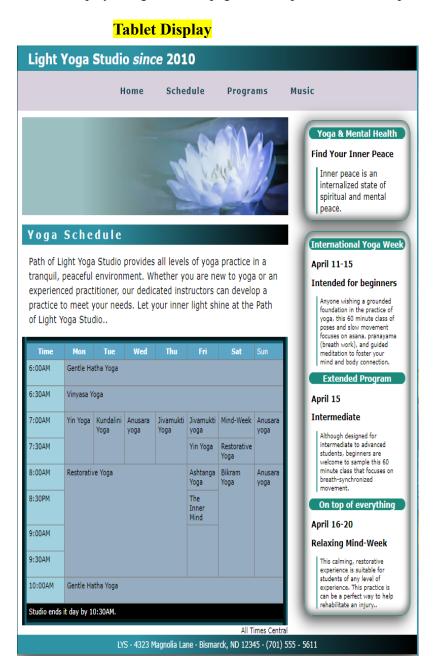
- Configure an aside element with id="current". It contains an h1, h2 and p
- Configure an aside element with id="future". It contains three sets of h1, h2, h2 and p
- Both aside elements have rounded corners, box-shadow effects.
- Configure a background-color and a rounded border on all h1 elements in both the aside elements
- Configure a 4px solid left border on all p elements in both the aside elements.

#### The footer element

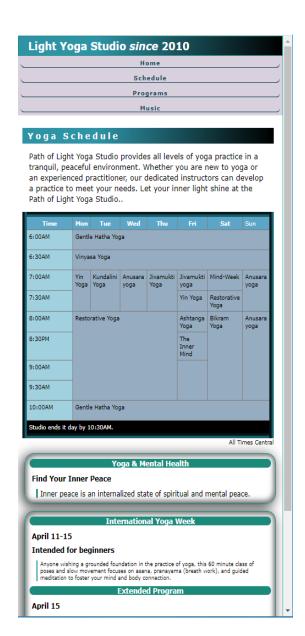
- Configure declarations for 0.80em size centered text, linear gradient background and 30px line height
- Use entity character · for dot

#### Responsive Design (see wireframe)

- Display two-column page when the viewport size is a maximum of 1024 pixels (a typical tablet display)
- Display a single-column page further optimized for smartphone display when the viewport size is 768 pixels or smaller.



# **Mobile Display**



The image must be placed in a subfolder named images.

All CSS style rules must be placed in one external style sheet only.

You must validate your HTML and CSS files.

## Desktop display (use minimum width: 320px and maximum width: 1200px)

header		
nav	section id="main" (set width to 60% with float left)	section id="right" (set width to 20% with
(set width to 15% with	img( width: 100%; height: 150px)	float left)
float left)	h2	aside id="current"
	p table	aside id="future"
	footer	

### Tablet display (max-width: 1024px) - Two Column display

header	
nav	
Display inline-block	
section id="main"	section id="right"
(Width 70%)	(Width 30%)
Img	
h2	aside id="current"
p	aside id="future"
table	
footer	

## Mobile display (max-width: 768px) - single column display

header
Nav
Display block
section id="main"
img (display: none)
h2
p
table
section id="right"
aside id="current"
aside id="future"
footer

### **General Guidelines**

- 1. You can change the font type, font size and font color as long as there is a standard format (consistent scheme).
- 2. You can change the color scheme as long as there is a consistent theme.
- 3. You cannot change the textual information in the page. You must implement what is shown above.
- 4. The general design should be the same as the above page. Example: rounded links, linear gradient backgrounds, box-shadow effects, etc.
- 5. The page should have its mobile equivalents.

# **Submission:**

• Your submission should be a **single zip file** named **Lastname\_StudentID** that contains your entire website. Also include your name and Student ID in the footer section of the webpage.

# **Rubrics for Grading:**

- 35 Meeting all the requirements for desktop display
- 10 Meeting all the requirements for tablet display
- 10 Meeting all the requirements for mobile display
- 5 Coding Validation (both HTML and CSS)

**Note:** Each non-meeting requirement will incur a loss of 1 mark.