Curriculum

Overview

Part 1

Get Started with HTML and CSS

Introduction to Web Programming

Editing and viewing HTML Files

Setting up the Document Structure

Formatting Text by Using Tags

Using List and Background

Creating Hyperlink and Anchors

Introduction to Git and GitHub

Introduction to StyleSheet

Formatting Text Using Stylesheet

Formatting Paragraphs by Using styleSheet

Displaying Graphics

Page Layout and Navigation

Creating Division Based Layout

Creating Tables

Formatting Tables

Creating User Forms

Incorporating Sounds and Video

Including JavaScript and External Content

Part 2

Getting Started with CSS

Introduction to CSS

Fundamentals of CSS

Advanced CSS

Responsiveness

CSS Grid

SASS

Part 3

JavaScript

Introduction to Javascript

Fundamentals of Javascript

Javascripts Objects

Javascripts Functions

Javascripts Classes

Javascripts Async

Javascripts HTML DOM

Javascripts Web APIs

Contents

PART 1

GET STARTED WITH HTML AND CSS

(See content in the recommended material)

PART 2

GETTING STARTED WITH CSS

FUNDAMENTAL OF CSS

Syntax Selectors

How to comments

Colors

Backgrounds

Borders

Margins

Padding

Height/Width

Box Model

Outline

Text Fonts

Icons

Links

Lists

Tables Display

Max-Width

Position

Z-index

Overflow

Float

Inline-block

Align

Combinators

Pseudo-Classes

Pseudo-Elements

Opacity

ADVANCED

Border

Images

Backgrounds

Colors

Gradients

Shadow Text Effect

Web Fonts

2D Transform

3D Transform

Transitions

Animations

Tooltips

Object-Position

Masking

Variables

Box-Sizing

Media Queries

Flexbox

Reponsiveness

Introduction to Bootstrap

Introduction to Sass

PART 3

JavaScripts

(See contents in the recommended material)

NB: Each part would have a test to check if you are ready for the next phase

MATERIALS, SCHEDULE AND MEETINGS

MATERIALS

1. PART 1 – STEP BY STEP HTML by Faithe Wempen
2. PART 2 – W3SCHOOL CSS TUTORIAL [CSS W3school]
3. PART 3 - W3SCHOOL JAVASCRIPT TUTORIAL [Javascript W3school]

SCHEDULE

Contact sessions would hold on **Tuesdays, Thursdays and Fridays, 1 – 3pm.**

VENUE

The contact sessions shall be virtual and we'd be using Google meet as our channels. The link to meeting https://meet.google.com/jib-hbvw-sig