Teaching Plan

Term   Oct 2021

Module Name   FRONT-END DEVELOPMENT   **Credit Units**   2

Module Leader MOHAMED SAIFULAMRI BIN OMAR   **Contact**   30   hrs

Wk	Begin Date	Topics	Activity/Session 1	Assessment
1	18 Oct	1. Getting Started 2. HTML for Structure - Creating a simple page, Marking up text 3. Adding Links 4. Adding Images 5. Table Markup	1. Read textbook Chapters 4 to 8 2. Watch HTML video from LinkedIn Learning (Lynda.com) 3. Complete Worksheet	
2	25 Oct	1. Forms 2. Embedded Media	1. Read textbook Chapters 9 & 10 2. Watch HTML video clips from LinkedIn Learning (Lynda.com) 3. Complete Worksheet	
3	01 Nov	1. Introducing Cascading Style Sheets 2. Formatting Text 3. Colors and Backgrounds	1. Read textbook Chapters 11 to 13 2. Watch CSS video clips from LinkedIn Learning (Lynda.com) 3. Complete Worksheet	
4	08 Nov	1. Thinking inside the box 2. Floating and Positioning 3. CSS Layout	1. Read textbook Chapters 14 to 16 2. Read supplementary materials 3. Complete Worksheet	
5	15 Nov	1. Responsive Web Design 2. Transitions, Transforms and Animation Whitespace	1. Read textbook Chapter 17 to 20 2. Read supplementary materials 3. Complete Worksheet Whitespace	
6	22 Nov	1. JavaScript Essentials 2. Browser Environment	1. Read textbook Chapters 21 & 22 2. Watch JavaScript video clips from LinkedIn Learning (Lynda.com) 3. Complete Worksheet	
7	29 Nov	1. Carousel	1. Watch video clip - Bootstrap 4 Carousel 2. Read supplementary materials	

			3. Complete Worksheet	
8	06 Dec	1. jQuery 2. Ajax	1. Read textbook on jQuery and Ajax 2. Read supplementary materials 3. Complete Worksheet	
9	13 Dec	Revision	Revision	
10	20 Dec	Break		
11	27 Dec	Break		
12	03 Jan	Practical Test	Practical Test	Test 1 (30%)
13	10 Jan	1. Javascript Vulnerability (XSS, CSRF) 2. FrontEnd Security (Content Security Policy)	1. Read supplementary materials 2. Watch video clip on the topics 3. Complete Worksheet Assignment Briefing	Assignment 1 (50%)
14	17 Jan	1. Client Side Security 2. Server Side Security Assignment Whitespace	1. Read supplementary materials 2. Complete Worksheet Assignment Whitespace	Assignment 1 (50%)
15	24 Jan	Assignment	Assignment	Assignment 1 (50%)
16	31 Jan	Assignment	Assignment due 6 Feb 2022 @2359hrs	Assignment 1 (50%)
17	07 Feb	Assignment Presentation	Assignment Presentation	
18	14 Feb	Study & Exam Week		
19	21 Feb	Study & Exam Week		

Holiday:

04 Nov - Deepavali

25 Dec - Christmas Day

01 Jan - New Year's Day

01 Feb - Chinese New Year

02 Feb - Chinese New Year

Notes on Teaching Plan:

This is a fully remote learning module and hence the weekly activities shown are not necessarily by sessions.

Textbooks / Recommended Readings:
Textbook: Jennifer Robbins (2018). Learning Web Design - A Beginner's Guide to HTML, CSS, JavaScript and Web Graphics . O'Reilly Media
Online Resources: Lynda.com, w3schools.com and Microsoft Virtual Academy