	Hashemite University	
	Prince Al-Hussein bin Abdullah II Faculty for Information Technology	
	Department of Computer Information Systems	

Course Syllabus

Year: 2018-2019   **Semester: (1)**

Course No.	Course Title	Designation	Prerequisite	Co-requisite	Credit Hours Lectures /Lab.
151002310	Web Programming	Required	151001110	-	3 / 0

Instructor Name	E-mail	Office No.	Office ext.	Office Hours
Dr. Yousef Kilani	ymkilani@hu.edu.jo	243	-	Sun, Tue, Thu (10-12)
Dr. Majdi Maabreh	majdi@hu.edu.jo	339	4404	Sun, Tue, Thu (10-11) Mon, Wed (8 – 9:30)
Dr. Duha Qutishat	duha@hu.edu.jo	Third flour N.2	4665	Sun, Tue, Thu (11-12)

Coordinator's Name:	Dr. Yousef Kilani

Course Description	This course is designed for the third and the fourth year undergraduate students. It introduces the required skills to build client-side applications using HTML5, CSS3, JavaScript and server-side programs using php language. It demonestrates how to install the Apache server with the other three packages: phpMyAdmin, MYSQL database manager and the php interpreter. It also demostrate how to host/run web documents and the client-server applications on the Apache server. Besides, it shows how to create a database using phpMyAdmin, how to connect client-server applications to MYSQL database and how to write basic DML statements in php programs.

a) Textbook (s):
1.Internet & World Wide Web How to Program, **5th** edition by H. Deitel, P. Deitel. 2012
b) Additional References:

1. Programming the world wide web. 8th edition. Robert w. Sebesta. 2014
2. Web Design with HTML, CSS, JavaScript and jQuery Set by Jon Duckett 2014

Course Learning and Outcomes CLOs
1. Design and implement a client side program using html, CSS3, JavaScript. (2)
2. Design and implement a server side program using PHP language. (2)
3. Install and operate Apache, phpMyAdmin, MYSQL server and the php interpreter. (6)
4. Apply and analyze client-side and server-side languages on teams to build client-server applications to any organization; school, clinic, etc.   (5, 6).
Addressed Student Learning Outcomes (SLOs)
c, d, I, and j   ===   2, 5, 6

Topic Details	Course ILO number	Reference	No. of Weeks	Contact *hours
1. Introduction to HTML5	1,4	Ch2-3	3	9
2. Cascading Style Sheets (CSS3)	1,4	Ch4	3	9
3. PHP	2,3,4	Ch19	4	12
4. JavaScript	1,4	Ch6-9	4	12
Total			14	42

Assessment method	Grade	Comments
Mid Exam	30%	Covers Chapters 2, 3, and 4.
Assignment 1	10%	Covers Chapters: 2 and 3.
Project	20%	Covers Chapters: 2-4, 19, 6-9. Covers all topics that were discussed during the semester practically.
Final Exam	40%	Covers all topics that were discussed during the semester theoretically.
Total	100%	