

	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 floor N.2	4665	Sun, Tue, Thu (11-12)

Coordinator's Name:	Dr. Yousef Kilani
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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 demonstrates how to install the Apache server with the other three packages: phpMyAdmin, MYSQL database manager and the php interpreter. It also demonstrate 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.
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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. 8 th 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, <u>5</u> , <u>6</u>

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%	