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

Course Syllabus

Year: 2020-2021 **Semester: (1)**

Course No.	Course Title	Designation	Prerequisite	Co-requisite	Credit Hours Lectures /Lab.
151002311	Web Programming Lab	Required	-	151002310	0 / 1

Instructor Name	E-mail	Office No.	Office ext.	Office Hours
Ms. Duha Qutishat	duha@hu.edu.jo	2	-	Sun, Mon, Tue (9-10) Mon, Wed (1 –2)

Coordinator's Name:	Ms. Duha Qutishat

Course Description	Introduction to Web Programming lab (formerly titled HTML5 Programming). HTML is the markup language used to develop web page on the Internet. This course aims to provide students with a practical experience in the fundamental aspects of designing and implementing client-server applications using html,CSS and PHP server.

a) Textbook (s):
1. Internet & World Wide Web How to Program, 5th edition by H. Deitel, P. Deitel. 2012
b) Additional References:
2. Programming the world wide web. 6th edition. Robert w. Sebesta. 2011
3. An Introduction to HTML and JavaScript for Scientists and Engineers, David R. Brooks, 2007.
4. Beginning JavaScript, 3rd Edition, Paul Wilton & Jeremy McPeak, 2007.

Course Learning and Outcomes CLOs
Design and implement client-side applications using HTML. (2)
Apply formatting styles using the Cascading Style Sheets on HTML documents. (2)
Install and configure the Apache server and MYSQL database. (2,5)
Access and manipulate data through client-side and server-side programming. (2,5)
Addressed Student Learning Outcomes (SLOs)
2 and 5

Topic Details	Course ILO number	Reference	No. of Weeks	Contact hours*
1. Introduction to HTML5: headers, Linking, images, Special characters, Unordered Lists, nested and Ordered Lists, basic tables, forms, Internal linking,	2	Ch2	2	4
2.New HTML5 form input types	2	Ch3	2	4
3.Cascading Style Sheets (CSS3): Inline styles, embedded style sheets, conflicting styles, linking external style sheets, positioning elements, backgrounds, elements dimensions, Text flow and box model,	3	Ch4	4	8
4.PHP:PHP Basics, string processing and regular expressions, form processing and business logic, connecting to a database (PhpMyAdmin)	4	Ch19	4	8
Total			12	24

Assessment method	Grade	Comments
Mid-term Exam	40%	Covers Chapters 2, 3 and 4
Assignments/ Quizzes	20%	TBA
Final Exam	40%	Covers all topics
Total	100%	

#	Student Outcome Description
1	Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2	Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline
3	Communicate effectively in a variety of professional contexts.
4	Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5	Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6	Support the delivery, use, and management of information systems within an information systems environment. [IS]