Philadelphia University		جامعــة فيــلادلفيــا
Faculty of Administrative		كلية العلوم الأدارية والمالية
And Financial Sciences		
Department of Business Networking		قسم إدارة نظم وشبكات الأعمال
And systems management		

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Information &the Internet
First Semester 2014-2015

Credit Hours: 3 Hours   **Course Number: 0371451**
Classification: Dep. Req.   **Class Contacts: 3 H / Week**
Lecture Time: 9:45-11:15

Mon. Wed.

	Academic Staff Specifics			
Name	**Rank**	**Office number and location**	**Office hours**	**E-mail address**
Sundus Hamoodi	**Assistance Professor**	**32418**	**Mon., Wed.** **11:15-1:45**	SundusHamodi@yahoo.com

Course Description:
This course is intended to prepare the students to be able to understand Internet and terms related to internet and develop web sites using pure PHP programming languages and MYSQL database

يتم تهيئة الطالب في هذا الفصل لفهم اساسيات شبكة الانترنيت والمصطلحات تامتعلقه بها. بالاضافة الى اعطاء الطالب القدرة على تطوير مواقع الانترنيت وبرمجتها باستخدام لغة (PHP) و اسيات قواعد البيانات (MYSQL) .

Course Objective:
- To understand the basics of information cycle and attributes of information quality
- To understand the basic concepts of the Internet (Design & Hosting)
- To master the usage of the Internet Explorer Navigator
- To master the PHP programming Language
- To be able to describe how PHP works and identify the advantages of developing with PHP and MYSQL database.

Teaching / Learning Methodology:
Lectures Notes, Slideshows, & active presentations
Technical information and Practice programs

Learning Outcomes

The student will be

1. Able to design code projects that include the components needed to create web applications using PHP and MySQL.
2. Able to design and code projects that include mathematical expressions, conditional expressions and looping
3. Able to deal with problem solving skills
4. Able to work independently
5. Prepared for worldwide certificates.

Grading System:
First Exam - 20%
Second Exam - 20%
Project /Personal Web-page: 20%
Final Exam- 40%

Course Contents:

week	Basic and support material to be covered	Homework/reports and their due dates
(1)	**General definitions:** (Program, Programming, Computer, Operating System, Programming Languages, Structured Programming & S/W) - Internet Definitions (Internet, Browser, Protocol, ISP, e-commerce, JavaScript, VBScript, Web Server, URL, Search Engine, & W3C)	
(2)	**Introduction to the Internet and the World Wide Web** - History of the Internet - Protocols - Standards Organizations - Sites Addressing Schemes **-Practical Sessions** .Browsing different sites like - HTTP://www.w3c.org - HTTP://www.philadelphia.edu.jo	
(3)	**Introduction to PHP** What is PHP? PHPInfo() Basic Syntax of PHP Variables in PHP, Naming Rules for Variables **String Variables in PHP** **PHP Operators**	

	Arithmetic Operators Logical Operators Logical Operators Assignment Operators	
(4)	**Conditional Statements** The if Statement The if...else Statement Examples and discussions	
(5)	The PHP Switch Statement Array Concept Numeric Arrays	
(6) **First examination**	First Exam Other types of Arrays Examples	
(7)	**PHP Loops** The while Loop The do...while Statement The for Loop	
(8)	**PHP Functions** PHP Built-in Functions Create a PHP Function Examples	
(9)	**Working with HTML Forms** Input form Submit Button PHP and Radio Buttons PHP checkboxes	
(10)	PHP $_GET Function PHP $_POST Function exercise	
(11) **Second examination**	Second Exam, Data Base Concept, Access MySQL database with PHP code	
(12)	Adding record to MySQL database Select Data from a Database Table Exercise	

3

(13)	The WHERE clause The ORDER BY Keyword Deleting record in table	
(14)	Update Data in Database Create MySQL database project	
(15) **Specimen examination (Optional)**	Project Presentation and discussion	
(16) **Final Examination**	Revision +Final Exam	

Textbook:

- PHP and MYSQL for Beginner ,Mark A Lasssoff , Learn to program2014

References:

Learning PHP and MYSQL, Michele E.Davis and Jon A. Phillips,Reilly Media, Inc,2006

- التطوير للوب بواسطة PHP و MYSQL ، لوك ويلينغ ، لورا طومسون ، مركز التعريب والبرمجة ، الدار العربية للعلوم، 2002

- http://www.w3schools.com/

- http://www.learnphp-tutorial.com/

- http://www.zend.com/en/