

Kingdom of Saudi Arabia
Ministry Of Higher Education
Majmaah University
Deanship of Quality assurance
and Human Development



Course Specification

(Summary)

1432/1433

Course Specification

Institution: **Majmaah University**

College/Department : **College of Science (Zulfi) / Computer Science Department**

A- Course Identification and General Information

1. Course title and code: **Internet Technology and Web Programming CIS357**

2. Credit hours: **3**

4. Name of faculty member responsible for the course:

Dr.Eng: Khaled Issa

5. Level/year at which this course is offered : **6**

6. Co-requisites for this course (if any)

CIS345

7. Location if not on main campus

B- Objectives

1. Summary of the main learning outcomes for students enrolled in the course.
 - Explore the history and development of the Internet.
 - Learn to describe how computers communicate across the Internet and describe the technologies that enable Internetworking.
 - Study web programming languages such as HTML and XHTML
 - Programming with PHP
 - Creating dynamic web sites
 - SQL and MYSQL

C- Course Description (Note: General description in the form to be used for the Bulletin or Handbook should be attached)

1. Topics to be Covered		
List of Topics	No of Weeks	Contact hours
Detailed information on the basics of the PHP language, including data types, variables, operators, and flow control statements	2	8
the basics of functions, strings, arrays, and objects	2	8
common PHP web application techniques, such as form processing and validation, session tracking, and cookies	3	12
My SQ database Introduction	1	4
Material on interacting with relational My SQ databases,	2	8
generate dynamic images	1	4
create PDF files	1	4
quick reference to all the core functions in PHP and all the standard extensions that ship with PHP	1	4

2. Course components (total contact hours per semester):				
Lecture: 2	Tutorial:	Laboratory:2	Practical/Field work/Internship	Other:

3. Additional private study/learning hours expected for students per week. (This should be an average :for the semester not a specific requirement in each week)

4. Schedule of Assessment Tasks for Students During the Semester

D- E Learning Resources.

Required Text(s) .1 PHP and MySQL Web Development (4th Edition) Publisher: Addison-Wesley Professional; 4 edition (October 11, 2008)
2. Essential References <ul style="list-style-type: none">• Beginning PHP and MySQL: From Novice to Professional, Fourth Edition Publisher: Apress; 4 edition (September 24, 2010)• PHP Solutions: Dynamic Web Design Made Easy• Publisher: friends of ED; 1st ed. 2006. Corr. 3rd printing edition (June 2, 2010)
3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List) <ul style="list-style-type: none">• Wicked Cool PHP: Real-World Scripts That Solve Difficult Problems ISBN-10: 1593271735• PHP Object-Oriented Solutions ISBN-10: 1430210117
4-.Electronic Materials, Web Sites etc <ul style="list-style-type: none">• www.w3schools.com• www.wdvl.com/Authoring/Scripting/Tutorial/• www.webbasedprogramming.com/
5- Other learning material such as computer-based programs/CD, professional standards/regulations PHPMagic plus Software

E- Assessment

Mid-term(s): 40 Final: 60
