

COURSE FILE SUMMARY

COURSE INFORMATION			
College / Institute / Center:	Management & Technology	Department:	eCommerce
Program Title:	Bachelor of Business Administration	Program Code:	ECR
Course Title:	Internet Programming	Course Code:	CR325(CR342)
# Hours:	----- 32 hr ----- Lecture	----- 32 hr ----- Lab / <u>Tutorial</u>	----- 3 hr ----- Credit
Pre Requisites M315,EC315			

COURSE AIM
Learn the essentials of working with the most important web technologies. Concentrating on immediately useful code rather than theory. The course presents JavaScript and Web Site design as well as the latest developments in scripting languages. The student learns through practical and hands-on practice.

COURSE OBJECTIVES
This course provides students with the essential skills of building Web sites. This course serves as foundation for several multi-disciplinary courses that utilize Web Site technologies in achieving managerial goals. It also helps students in accomplishing their graduation projects.

STAFF REQUIREMENTS

	Qualifications	Special Skills	Number
Lectures	Ph.D. CS or MIS	Practical Experience in MIS	1
Tutorials	M.Sc. CS or MIS	Practical Experience in MIS	1
Laboratories / Workshops	B.Sc. or M.Sc. CS or MIS	Practical Experience in MIS	1

LECTURE SCHEDULE

Lecture			Description
#	Week	Hrs	
1	1 st .	3	Introduction to PHP
2	2 nd .	3	Basic PHP Development
3	3 rd .	3	Controlling the Flow of the Script
4	4 th .	3	Storing Data in Groups by Using Arrays
5	5 th .	3	Reusing PHP Code (Functions) & Object-Oriented Programming in PHP
6	6 th .	3	Reusing PHP Code (Included files) & PHP Form Handling
7	7 th .	3	Revision
8	8 th .	3	7th Week Exam
9	9 th .	3	Developing a Web Database Application Using PHP and MySQL
10	10 th .	3	Storing & Updating data in the database
11	11 th .	3	Move information between pages & Move information between pages
12	12 th .	3	Web Application
13	13 th .	3	Shopping Cart
14	14 th .	3	Shopping Cart Cont.
15	15 th .	3	Revision
16	16 th .	3	Final Exam

TEXT BOOKS

Code*	Description
TB	Web programming: building internet application, Chris Bates, John Wiley & sons

REFERENCE BOOKS

Code*	Description
RB	Internet Programming by Sebesta, ISBN: #0321312570, Pearson Education. Internet Programming by Vick, ISBN: #0321169514, Pearson Education

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TUTORIAL SCHEDULE			
Tutorial			Topic
#	Week	Hrs	


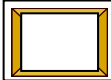







LABORATORY WORKSHOP SCHEDULE				
Laboratory				Description
#	Week	Hrs.	Code	
1	1 st			Introduction to PHP & Installation of the WAMP server
2	2 nd			Applications on basic PHP development
3	3 rd			Applications on Controlling the Flow of the Script
4	4 th			Applications on Storing Data in Groups by Using Arrays
5	5 th			Applications on functions & Object-Oriented Programming in PHP
6	6 ^h			Applications on included files & PHP Form Handling & Revision Applications
7	7 th			7th Week Exam
8	8 th			Developing a Web Database Application Using phpmyadmin
9	9 th			Storing & Updating data in the database
10	10 th			Methods of moving information between pages
11	11 th			Web Applications
12	12 th			A shopping cart application
13	13 th			Shopping Cart Cont.
14	14 th			Project Presentations

COMPUTER USAGE
The Computer will be used in all Lab sessions.

GRADING AND ASSESSMENT METHOD									
Week #	Points	Written	Oral	Term Paper	Continuous	Thesis	Practical		
7	30	30							
12	20	20							
1-15	10				10				
16	40	40							

READING MATERIAL	
Code*	Description
* TB : Text Book RB: Reference Book ST: Standards / Codes LN: Lecture Notes	

SUPPLEMENTARY MATERIAL	
Code*	Description
OS	Slides for the Lab sessions
SW	Microsoft Excel XP
SW	Microsoft Access XP
*PR: Periodical SW: Software VT: Video Tape OS: Overhead Slide Projector MD: Model AC: Audio Cassette NC: Notebook Computer	

EDUCATIONAL RESOURCES								
								
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Prepared by:

Designation: Dr.

Name: Mahmoud Youssef

Sign:



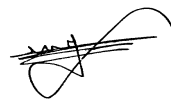
Date: 10/6/2008

Approved by:

Designation. Dr.

Name: Mahmoud Youssef

Sign:



Date: 10/6/2008

