



SESSION PLAN


Lecture

COURSE PARTICULARS	
CR325	Title: Internet Programming


SESSION PARTICULARS		
#: 1	Title: Introduction to PHP	Hrs: 3Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Building blocks of the Web
2	PHP: Server Script Language Server
3	Interaction between client, Web server
4	The popularity of PHP
5	PHP for General Purpose General- Scripting
6	Using Tools to Build PHP Scripts
7	WAMP: Apache, MySQL
8	PHP Configuration
9	Creating Your First PHP Script
10	Run PHP Script
11	Basic Rules of PHP Programs
12	PHP Variable
13	Basic PHP Data Types
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 Name: Dr. Mahmoud Youssef

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 Date: 10/6/2008

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#: 3	Title: Controlling the Flow of the Script	Hrs: 3Hrs
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Logical Control Structures
2	Setting Up Condition
3	Comparison Operators
4	Checking variable content
5	Special Character used in Pattern
6	IF..... Elseif.....Elseif
7	Logical Operators
8	Conditional Statements
9	Nested IF.. Statement if
10	Switch statements
11	Repeating Actions by Using Loops
12	Using for loops
13	Designing advanced for loops
14	Using while loops
15	Using do..whileloops
16	Embedding Control Structures
17	Breaking out of a loop
18	Avoiding infinite loops
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#: 4	Title: Storing Data in Groups by Using Arrays	Hrs: 3Hrs
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Basic Arrays
2	Viewing arrays
3	Modifying arrays
4	Sorting Arrays
5	Using Arrays in Statements
6	Using Array in List Statement
7	Traversing an array manually
8	Using foreach to walk through an array
9	Finding Array size
10	Converting Arrays into Strings
11	Converting Variables into Arrays
12	Splitting and Merging Arrays
13	Comparing Arrays
14	Working with Other Array operations
15	Exchanging keys and values
16	Multidimensional Arrays
17	Creating multidimensional arrays
18	Viewing multidimensional arrays
19	Using multidimensional arrays in statements

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#: 5	Title: Reusing PHP Code (Functions) & Object-Oriented Programming in PHP	Hrs: 3Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Defining functions
2	Using variables in functions
3	Passing values to a function
4	Object-Oriented Programming
5	Inheritance
6	Object-oriented concepts PHP 5 omits
7	Creating and using the class
8	Writing a class statement
9	Setting properties
10	Using \$this
11	Adding methods
12	Writing the constructor
13	Making Properties and Methods Private
14	Copying Objects
15	Destroying Objects
16	Using Exceptions

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SESSION PARTICULARS		
#: 6	Title: Reusing PHP Code (Included files) & PHP Form Handling	Hrs: 3Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Include() Function
2	Open a File
3	Close a File
4	Reading a File
5	Storing include files
6	Setting up include directories
7	Working with HTML Forms
8	Collecting information from Web site visitors
9	Adding Controls to forms
10	Receiving the information
11	Validating information
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SESSION PARTICULARS		
#: 11	Title: Move information between pages & Move information between pages	Hrs: 3Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Move information between pages
2	1. Adding information to the URL
3	2. Storing information via cookies
4	3. Passing information using HTML forms
5	4. Using PHP session functions
6	Closing PHP sessions
7	Online Catalogue
8	1. Display Category
9	2. Display Product list included in each category
10	3. Show Detailed Information about the Product
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#: 12	Title: Web Application	Hrs: 3Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Online Book Store Application
2	Password Checking
3	Registration Process
4	Display Products List based on selected category
5	Product Details
6	Rating
7	Product Review
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#: 14	Title: Shopping Cart Cont.	Hrs: 3Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Delete item from Shopping Cart
2	Calculate the Item price and total price
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