

## Lesson Plan

**Discipline** : Computer Engineering  
**Semester** : 5TH  
**Subject** : PHP  
**Lesson Plan Duration** : 15 Weeks

Week	Theory		Practical	
	Lecture day	Topic (including assignment/ test)	Practical day	Topic
1st	1st	Introduction to PHP	1	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	2nd	How PHP Works		
	3rd	The php.ini File, Basic PHP Syntax		
2nd	4th	PHP Tags	2	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	5th	PHP Statements and White space		
	6th	PHP Statements and White space		
3rd	7th	Variable Types	3	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	8th	Variable Names (Identifiers)		
	9th	Type Strength, Variable Scope		
4th	10th	Constants, assignment	4	Create Web forms and pages that properly use HTTP GET and POST protocols as appropriate
	11th	Variable - Testing		
	12th	Manipulation Functions		
5th	13th	Operators: Strings	5	Create Web forms and pages that properly use HTTP GET and
	14th	Arrays, comments		

	15 <sup>th</sup>	Sessionaltest		POSTprotocolasappropriate
6 <sup>th</sup>	16 <sup>th</sup>	MethodsandFunctions	6	CreateWebformsandpageshatproperly use HTTP GET andPOSTprotocolasappropriate
	17 <sup>th</sup>	Builtinfunctions		
	18 <sup>th</sup>	User-definedfunctions		
7 <sup>th</sup>	19 <sup>th</sup>	Function arguments,Returning values	7	Design SQL language withinMySQLandPHPToaccessandmanipulatedatabases
	20 <sup>th</sup>	Variablefunctions		
	21 <sup>st</sup>	Anonymousfunctions		
8 <sup>th</sup>	22 <sup>nd</sup>	Controlstatements	8	Design SQL language withinMySQLandPHPToaccessandmanipulatedatabases
	23 <sup>rd</sup>	ConditionalProcessing		
	24 <sup>th</sup>	IfConditions,assignment		
9 <sup>th</sup>	25 <sup>th</sup>	Loops: whileloop	9	Install and configure both PHPandMySQL
	26 <sup>th</sup>	do...while, forloops		
	27 <sup>th</sup>	breakandcontinue		
10 <sup>th</sup>	28 <sup>th</sup>	PHPforms	10	Install and configure both PHPandMySQL
	29 <sup>th</sup>	Login SecurityAuthentication( User logins)		
	30 <sup>th</sup>	Sessionaltest		
11 <sup>th</sup>	31 <sup>st</sup>	Authorization(P ermissions)	11	CreatePHPcodethat utilizesthecommonly used API libraryfunctionsbuiltintoPHP.
	32 <sup>nd</sup>	Encryption		
	33 <sup>rd</sup>	SessionCookies		
12 <sup>th</sup>	34 <sup>th</sup>	PHP Mail	12	CreatePHPcodethat utilizesthecommonly used API libraryfunctionsbuiltintoPHP.
	35 <sup>th</sup>	PHP Mail		
	36 <sup>th</sup>	FileHandling		
13 <sup>th</sup>	37 <sup>th</sup>	FileHandling	13	Design and create a completewebsitethatdemonstratesgoodPHP/MySQL client/serverdesign
	38 <sup>th</sup>	FileUploading		
	39 <sup>th</sup>	FileUploading,assignment		
14 <sup>th</sup>	40 <sup>th</sup>	IntroductiontoMySQL	14	Design and create a completewebsitethatdemonstratesgood
	41 <sup>st</sup>	Databasedesign		

	42 <sup>nd</sup>	Database Development using MySQL		PHP/MySQL client/server design
15 <sup>th</sup>	43 <sup>rd</sup>	PHP Connectivity with MySQL	15	Design and create a complete website that demonstrates good PHP/MySQL client/server design
	44 <sup>th</sup>	PHP Connectivity with MySQL		
	45 <sup>th</sup>	Sessional Test		