

Course Introductions	
Topics	Sub topics
Training class Introduction	About Training
	Plannings and best practice
	What is Website?
	Client server Architecture
	Software Tools
	Open source / Closed Source
Various Linux Commands	
Frontend Technologies	
HTML	Best Practice
	Tags
	Form Elements
	Html 5 and Html 4 Difference
CSS	Intro
	Types (Inline, embedded, external)
Template	Home Page Template design creation
Javascript	Types (Inline, embedded, external)
	Form validation
	Different type of error display
Jquery	Ajax with samples
	Interview Questions
HTML 5	Bootstrap
Advanced Js Framework	Angular js
Server Side Technologies	
Apache	Configuration files
	port / locations
PHP	About PHP
	Configuration Files & Usages
	Hello world page
	Syntax / data types / type castings
	String functions
	Array Functions
	Math functions
	loop Statements
	Conditional statements
	Date functions
	Recessive functions
	Server side request Methods, POST/GET
	isset/Unset
	Server side global Variables
	Sessions
	Cookies
	Default arguments functions
	Constants
	File Upload / Unlink
	File functions/Read, Write /Form to file
	Error Handling And Types
	Mail functions

Database (MySQL)	
MySQL	What is MYSQL / RDMS / Config files
	Normalisation
	SQL Queries
	Database
	Tables
	Create / Table / Database
	Fields data type
	Alter / Drop - table / database
	Insert
	Select
	Update
	Delete
	truncate
	Primary key, unique, foreign, full text, index
	Setting foreign key and cascading, dropping
	(Select) -> if, distinct, math, selective cols
	(Select) -> Count, date functions, concat
	Joins - Inner, Equi, outer (Left, Right), Self
	where, Between, like, comparison operator
	group by, having
	Order by, Limit
	Alias
	Table engines
	Sub Queries
	Views
	Triggers
	Procedures
	Interview Questions
Frontend + PHP + Database Implementation	
PHP/MySQLi	Database connections / Port / Host
	Various php/MySQLi Functions
	Create forms, Insert to db
	Listing
	Updates
	Delete
	File upload, storing to db
	Transactions
	Listing with Sorting & Searching
	Paginations
	Server side validations / Error msg disp
	Transactions and usages
	Try Catch
	Sql Injections
Sample Project	College Automation (Using Core PHP and MySQL)

Advanced concepts & Project	
OOPS	OOPS? Advantages
	Class
	Properties / Methods
	Objects
	Constructors / Destructors
	\$this, parent
	Constants / static
	Polimorphism
	inheritance
	Visibility
	Abstract/Interfaces
	Auto load
	Get the name of method and class
Framework	What is it?
	MVC - usages
	Codeigniter / Yii
	Controller
	Actions
	Models (Select to Joins)
	Views
	Configuration files
	Helper
	Libraries
	Diff between frameworks
	Paginations
	File uploads
	.htaccess
Project - Using Codeigniter	
Main Project	Shopping Cart
Payment Gateway	Paypal standard / Paypal pro
CMS - Wordpress	
CMS	About Cms
	About Wordpress
	Themes / Installation / Creations
	Plugins / Installation / Creations
	Widgets / Installation / Creations