**Salesforce course content**

**Development**

#### Before Start Development

* Enable Development Mode
* MVC Architecture
* Developer Console Usage
* Query Editor Usage
* Execute Anonymous Window
* Create Class Using Developer Console and Visualforce Using Developer Console
* Test and Debug Using Developer Console
* Installing Eclipse

#### Visualforce Pages

* Comparison With HTML Tags
* Create VF Using URL, Developer Console, Standard Navigation and Eclipse

#### Data Sources In Visualforce

* Apex Class Variables
* Parameters Using URL
* Global Standard Objects or Custom Objects
* Static Data

#### Pageblock Tags

* Pageblock
* PageBlockSection, SectionItem
* PageBlock Button and Location
* CommandButtons and Actions

#### Input Components

* InputText, InputField and InputSecret
* InputHidden
* InputFile

#### Select Components

* SelectOption
* SelectOptions
* SelectCheckBox
* SelectRadio

#### Message Tags

* PageMessage
* PageMessages

#### Panel Tags

* PanelBar
* PanelBarmItem
* PanelGrid
* PanelGroup

#### Other VF Tags

* Column
* CommandLink
* Detail
* Facet
* Form
* Iframe
* Image
* include script
* Include Page
* ListViews
* Repeat
* Tab and Tab Panel
* Render,Rerender,RenderAs
* Passing parameters
* Creating VF Tabs
* Realted List
* Enhanced List

#### List Views

* Creating Views
* PageBlockTable ListView
* DataTable
* DataList
* Repeat

#### Action Components In Visualforce

* ActionSuppot
* Action Function
* ActionStatus
* ActionRegion
* ActionPoller

**Apex Programming Overview:**

* CSS Introduction

**JavaScript Introduction:**

* Internal
* External

**Static Resources:**

* Adding External CSS files to the static resources
* <apex: stylesheet/>
* Adding External Javascript files to the static resources
* <apex:includescript/>

**Apex Class Creation – Calling**

* Defining Class
* Access Specifiers
* Method Declarations
* Debugging results
* Naming conventions & Code Commenting

**Data Types:**

* Primitives
* Collections (List, Set and Map)
* Subject

**Controllers:**

**Standard Controller**

* Record setvar

**Custom Controller**

* SOQL Query – Query data with SOQL and place them on Pages
* Custom Save Functionality
* With Sharing class Vs. without Sharing Class
* User mode Execution Vs. System mode Execution

**Extensions**

* Save - Standard controller with extension sample

**Wrapper Classes:**

* Display multi object data
* Adding check boxes to the data and perform related operations

**View State:**

* Inner Queries & Relational Queries

#### Batch APEX

* Iterable Class
* QueryLocator
* GetQueryLocator
* Start Method
* Execute Method
* Finish Mehtod
* Sending Email From finish Method
* BatchableContext
* Debug Batch Apex
* Creating Future Methods in Batch Apex
* Implememnting Database.AllowCallouts
* Call Batch In a Batch
* Serialize Batch By Batch
* RealTime Scenarios

#### Apex Triggers

* Overview On Triggers
* Trigger Events
* Before Triggers
* After Triggers
* Insert Triggers
* Update Triggers
* Delete Triggers
* Undelete Triggers
* New
* Old
* NewMap
* OldMap
* Recursive Triggers
* Validation Rule with Trigger
* Workflow with Trigger
* Invoking Batch Apex,callouts from trigger
* Invoking Schedule,Future Methods from Trigger
* RealTime Scenarios on Each Topic

#### Test Class

* Overview on Test classes
* StartTest,StopTest
* Test Class on Apex class, Batch APEX, Schedule Apex and Triggers

#### SOQL And SOSL

* Overview on SOQL,SOSL
* Fetching Records on VF Using SOQL
* Inserting Records from VF to Salesforce
* Debug Logs
* Static SOQL
* Dynamic SOQL
* Relational SOQL(p-c,c-p)
* Functional SOQL(Aggregate,Date)
* Creating Interfaces Using SOSL
* GoverningLimits on Apex
* RealTime Project Scinarios

#### DML Operations

* DML STATEMENTS VS DATABASE CLASS METHODS:
* Database DML Operations
* Insert Statement
* Update Sattements
* Upsert Statement
* Delete Statements
* Undelete Statements
* Merge Statements
* Rollback operations
* SavePoint In DML
* Realtime Rroject Scenarios

**Packages:**

* Package Overview
* Defining packages
* Package Types

1. Managed
2. Unmanaged

* Managed Vs Unmanaged Packages

**Force.com Sites – Public website Building:**

* Building public websites for the external Users

**Scheduling Apex:**

* Scheduling apex Use and its Methods
* Limitations