

Syllabus		
Unit No	Contents	Mapped CO
I	<p>Salesforce Fundamentals: What is a multi-tenancy, considerations, MVC paradigm, Core CRM objects.</p> <p>Data Modeling and Management: Data modeling, Relationship types, Visualizing and creating entity relationships, Importing and exporting data into development environments.</p> <p>Practical Exercises:</p> <ol style="list-style-type: none"> 1. Create, setup Salesforce developer account and access developer console. 2. Exercise on Standard and custom objects, Relationship fields. 3. Exercise on how to import and export data. 	CO1
II	<p>Apex: Apex Basics, Class and instance, Features of Apex, Apex variables, constants and expressions, Access modifiers, Control flow statements, working with data in salesforce.</p> <p>Practical Exercises:</p> <ol style="list-style-type: none"> 1. Exercise on install Force.com IDE and create projects. 2. Exercise on primitive data types, sObject, Enum and collections. 3. Exercise on control statements and looping statements. 	CO2
III	<p>Apex Classes, Interfaces & Triggers: Apex classes, interfaces, Apex triggers, sObject relationships, Implementing SOQL & SOSL queries, the order of execution, Exception handling, Security in Apex, Web service callouts</p> <p>Practical Exercises:</p> <ol style="list-style-type: none"> 1. Exercise on creating Apex class. 2. Exercise on SOQL and SOSL Queries. 3. Exercise on working with Apex Triggers. 	CO3
IV	<p>Salesforce user interface: Introduction, Displaying Salesforce data using Visualforce, Lightning component framework, Benefits of Lightning component framework, Resources in Lightning component.</p> <p>Practical Exercises:</p> <ol style="list-style-type: none"> 1. Exercise on displaying data using Visualforce and Visualforce pages. 2. Practice components in Lightning component framework. 	CO4
V	<p>Debugging and Deployment tools: Debugging and Deployment tools, Monitoring and accessing debug logs, deploying metadata to another org.</p> <p>Practical Exercises:</p> <ol style="list-style-type: none"> 1. Exercise on creating sandbox and deployment strategies. 	CO5
Learning Resources		
Text Books		
1. Salesforce Platform Developer I Certification Guide, John Vandeveld, Gunther Roskams, Packt Publishing.		
References		
1. Beginning Salesforce Developer, Michael Wicherski, Apress.		
E-Recourses and other Digital Material		
1. Salesforce Platform Developer I, Trail: https://trailhead.salesforce.com/content/learn/trails/platform-developer-i-certification		