

Salesforce Platform Developer (60 hours)

(Exam Code: CRT-450–Salesforce Platform Developer Certification)

Course Topics

1. Introduction to Cloud Computing

- a. Cloud Computing
- b. Cloud Deployment Model
- c. Cloud Service Model

2. Salesforce CRM Basic

- a. CRM overview
- b. Single Tenant Architecture
- c. Multi-Tenant Architecture
- d. Salesforce Products

3. Salesforce Environments

- a. Force.com
- b. Production Environment
- c. Development Environment
- d. Testing Environment

4. **Data Modelling**
 - a. Database & Objects
 - b. Applications
 - c. Tabs
 - d. Fields
 - e. Relationships to objects
 - f. Master-Detail relationship
 - g. Lookup relationship
 - h. Validation rules
 - i. Picklist and Global picklists
 - j. Filed Dependency
 - k. Roll-up Summary
 - l. Schema builder

5. **Salesforce Object Search Language**
 - a. Overview of SOSL
 - b. SOSL Syntax
 - c. Retrieve data from Multiple objects

6. **Salesforce Object Query Language**
 - a. Overview of SOQL
 - b. Relationship of Object in SOQL
 - c. Retrieve Object Data using SOQL
 - d. Aggregate Functions
 - e. Dynamic SOQL bind variables

7. **Apex Development**
 - a. Apex Trigger
 - b. Trigger Context Variables
 - c. Types of Triggers
 - d. Best Practice of Triggers
 - e. Apex Classes

8. **Salesforce Governor Limits**
 - a. Overview Governor limits
 - b. Important Limits Methods
 - c. Implication of Governor Limits

9. **Save Order of Execution**
 - a. Data Save Order Execution

10. **Batch Apex**
 - a. Bulk Data Transaction

11. **Database Class**
 - a. DML statement vs Database Class Methods
 - b. Database.insert method
 - c. Database.update method

12. **Lightning Web Components**
 - a. Overview of Salesforce DX
 - b. Project setup through Salesforce CLI
 - c. Custom LWC component

13. **Lighting Aura Components**

- a. Overview of Aura framework
- b. Components of Aura framework

14. **Visual Force Pages**

- a. Overview of Visualforce pages
- b. Visualforce Tags