

# Salesforce Course Content – Total 40 Hours

<b>Salesforce Admin</b>	<b>Duration (15 Hrs.)</b>
<b>1. Environment (Company Info &amp; Storage Info)</b>	<b>1 Hr.</b>
<b>2. Licensing</b>	
<b>3. Objects</b>	<b>1 Hr.</b>
• Standard	
• Custom	
<b>4. Fields</b>	
• Standard	
• Custom	
• Different Field Datatypes	
<b>5. Relationships</b>	<b>1 Hr.</b>
• Master Detail	
• Lookup	
• Self	
• Hierarchal	
• Many To Many	
<b>6. Users</b>	<b>1Hr.</b>
• Creation of Users	
• Deactivation of Users	
<b>7. Profiles</b>	
• What is Profile	
• How to control Access on Objects Using Profiles	
• How to control other administrative and custom permission using profiles	
<b>8. Permission Sets</b>	<b>1Hr.</b>
• What is permission Set	
• How to grant additional access using permission sets	

## 9. Tabs

- Creation of Tabs
- Different Types of Tabs

## 10. Page Layouts

1 Hr.

- Detail Page Layout and Edit Page Layout
- How to Modify the Existing page layout
- Creation of Page Layout
- Page Layout Assignment
- How to make a field Required or read-only on page layout
- Difference Between Universally required Fields and Page Layout Level Required field
- Search Layout and Views

## 11. Field Dependencies

- Controlling Field
- Dependent Field
- Limitations

## 12. Record Types

1 Hr.

- Creation of Record Types
- Page Layout Assignment
- Picklist Values Edit for Record Types
- Real-Time scenarios

## 13. Field Level Security

## 14. Record Level Sharing

- Sharing settings

## 15. Organization wide defaults

1 Hr.

## 16. Sharing

## 17. Manual Sharing

## 18. Sharing Rules

## 19. Apex sharing

## 20. Public Groups and Queues

## 21. Roles & Roles and subordinates

1 Hr.

- Formula Fields
- Rollup Summary

<b>22. Validation Rues</b>	<b>1 Hr.</b>
<ul style="list-style-type: none"><li>• Improper Data check</li><li>• Conditionally Required field</li><li>• Data Consistency</li><li>• Date Format Check</li><li>• Using VLOOKUP function</li></ul>	
<b>23. Work Flow</b>	<b>2 Hr.</b>
<ul style="list-style-type: none"><li>• Immediate workflow Rule</li><li>• Time Dependent Workflow Rule</li></ul>	
<b>24. Adding Time Trigger</b>	
<b>25. Time Based workflow monitor</b>	
<b>26. Workflow Actions</b>	
<b>27. Field Update</b>	
<b>28. Task</b>	
<b>29. Email Alert</b>	
<b>30. Outbound Message</b>	
<b>31. Workflow rule limitations</b>	
<b>32. Approval Process</b>	<b>1 Hr.</b>
<b>33. Process Builder</b>	<b>2 Hr.</b>
<b>34. Reports</b>	

## Apex Programming (12 Hrs)

- Custom Settings 1 Hr.
- Custom Labels
- Oops
  
- List, Set and Map collection data types 1 Hr.
  
- Apex Classes 1 Hr.
  
- Triggers 5 Hrs.
  
- Batch Apex 1 Hr.
- Scheduler Apex
  
- Test classes 1 Hr.
- With Sharing and Without Sharing in Apex Classes
- Try and Catch block
  
- Governor Limits in Salesforce.com 1 Hr.
- Date and Date time
- SOQL 1 Hr.
- SOSL

## Lightning (Aura) (13 Hrs)

JavaScript All Basics 1 Hr.

Javascript Events 1 Hr.

Lightning Experience 1 Hr.

- Introduction to Lightning Experience
- Lightning Component Framework
- Introduction to aura framework

### Migration Assistance

- Enabling and Disabling of Lightning Experience for your organization
- Migrating from Classic to Lightning Experience Vice-Versa

### Domain Management

- What is Domain Management?
- Creating Custom Domain for the organization
- Configuring Custom Domain
- Configuring Authentication Setting for your Domain

Static Resource 1 Hr.

- What is Static Resource?
- Steps for Creating Static Resource
- Stylesheet Creation using Static Resource

Lightning Resource 1 Hr.

- Creation of Lightning Resource using Console
- Lightning Application
- Lightning Component
- Lightning Interface
- Lightning Event

### Lightning Application Bundle

- Steps for creating Lightning Application
- Application
- Controller
- Helper
- Style

- Documentation
- Renderer
- SVG
- Adding of SVG resource to Component Bundle
- Adding Lightning Component to application
- Tabs and App Launcher
- Adding of the lightning page to a custom tab (lightning page tab)
- Adding lightning components to an app launcher

### Lightning Component Bundle

1 Hr.

- Steps for creating Lightning Component
- Component
- CSS Styles
- Controller
- Design
- Documentation
- Re-render
- Helper
- SVG File

### Client Side Controller

1 Hr.

- Setting the attribute values
- Getting the attribute values
- Aura: handler
- Helper
- Creating the Helper

### Server-Side Controller

1 Hr.

- With sharing
- Without sharing
- @AuraEnabled
- Creating @Aura Enabled variables
- Combining App, Component and JS controller
- Invoking the apex class in the Lightning
- Checking response state of controller calling
- SOQL in Lightning
- DML in Lightning

## Events

1 Hr.

- Application Events
- Component Events
- Creating Events
- Handling Events
- Firing Events
- Firing Events from interfaces
- Setting Parameters
- Getting Parameters
- Salesforce defined standard Events
- Show Toast

## Lightning Data Services

2 Hrs.

- What is Lightning Data Service?
- Lightning data service advantages
- force:recordData
- Loading a Record
- Saving a Record
- Creating a Record
- Deleting a Record
- Record Changes
- Error
- SaveResults

## Lightning Design System

1 Hr.

- BDM
- Understanding BDM style classes
- SVG
- Icons

## Deployments & CICD (Git Hub, Bit Bucket)

1 Hr.

- In Bound Change Set
- Outbound Change Set
- Ant Migration Tool Overview