Fusion Technical Course Content

Getting started with

- Introduction to Oracle Cloud Applications
- Oracle Fusion Architecture
- Oracle Cloud Service Types
- Types of Oracle Cloud Applications
- Oracle cloud portals (My Services & My Account)
- Oracle Cloud Portal Administrators
- Functional Setup Manager Overview
- Fusion Offerings, Functional Areas, Features, Task Lists and Tasks

Security:

- Oracle Fusion Security Model (RBAC)
- Security Implementation Overview
- User Types
- Implementation User: Creation & Role provisioning
- Functional User Management
- Role Types (Data Role, Job Role, Duty Role, Abstract Role & Aggregate Privileges)
- Role Inheritance
- Role Provisioning/Role Mapping
- Security Console: Benefits/Features
Data Loading (Inbound Integrations)

- Overview on Inbound Integrations
- Fusion Data Loaders
- Spreadsheet Data Loaders (ADFDi)
- File-Based Data Import (FBDI)
- HCM Data Loader (HDL)
- Inbound Web Services Overview
- Inbound Automations

Data Extraction (Outbound Integrations)

- Overview of fusion reporting tools
- BI Publishers Architecture
- BI Publisher: Data Model, Reports, Layouts and templates
- BI Publisher: Scheduling & Delivery
- Oracle Transactional Business Intelligence (OTBI) Architecture
- OTBI Security
- OTBI: BI Analysis, Subject Areas, Folders & Attributes
- OTBI: Dashboards, KPIs and briefing books
- OTBI: Delivering Content (Agents)
- HCM Extracts
- Financial Data Extract
- Outbound Automations
Extending Fusion Applications

- Overview and Accessing Fusion Applications UI
- Understanding ADF Architecture
- Fusion Application Extensibility, Customization & personalization
- Manage Sandbox
- Page Composer
- Customization Migrations

Page development & customizations:
- Building a basic ADF page and integrating with Oracle SAAS

Integration Using Web Services

Introduction

- SOA Architecture Principles
- Types of web services

About REST Web Service

- Introduction
- Rest principles & Terminology
- About JAX-RS API
- Annotation Inheritance with REST

REST Client Design Scenarios

- REST Service Endpoint & URL Design Scenarios
- Building a REST service using eclipse and deploying to Tomcat server
- Real time Examples with scenarios

About SOAP Web Service

- Introduction
Anatomy of SOAP
- Structure of SOAP
- SOAP with HTTP
- SOAP-1.2 Features
- Building a basic SOA composite and registering as a SOAP web service

About WSDL
- Introduction
- WSDL Structure (Covers 2.0)
- Message Exchanging Design Patterns & Modes

About Web services Security
- Introduction
- Need of security
- Types of securities
- Real time Examples with scenarios

Integration scenarios with web services
- Figuring out the cloud web services
- Building the payload
- Testing the web services (REST and SOAP)
- Using ERP Integration Service for automating the integration

Additional concepts:
- Introduction to IPAAS solutions available in market
- OICS
- Dell Boomi,
- JCS etc