1. Overview of Oracle SOA
   - SOA to a Layman
   - Overview of Oracle SOA
   - Real Time Examples
   - Advantages in using Oracle SOA
   - Why Oracle SOA is Important

2. Web Services Introduction
   - Overview of XML, XSD, Web-Services, SOAP, UDDI, WSDL
   - Web Services Sample Demonstration.
   - Understanding WSDL

3. Service Component Architecture (SCA)
   - Introduction to Service Component Architecture
   - Building blocks of SCA
   - Overview of Oracle SOA Suite
   - Introduction to Components of Oracle SOA Suite

4. SOA Installation
   - Overview of WebLogic server
   - Overview WebLogic Domains and Server instances
   - Setting up Oracle SOA Environment

5. Managing and Monitoring Composite Applications
   - Overview of WebLogic Console and Enterprise Manager
   - Setting up JDeveloper for deploying Composite Applications
   - Deploying a Composite Application Using EM
   - Creating Partitions for grouping deployments

   - Introduction to Oracle BPEL
   - Overview of the Oracle BPEL Component designer in Oracle SOA Suite
   - Interaction Patterns in Oracle BPEL
   - Developing & Deploying a simple Oracle BPEL Process
   - Administer and Monitor Oracle BPEL processes in EM
7. Activities in Oracle BPEL Component Designer
   - Scopes & Variables in Oracle BPEL
   - Invocation Constructs in BPEL
   - Working with Parallel Flows
   - Conditional Branching
   - Exception Handling
   - Oracle Extension Activities

8. Orchestrating Services with Oracle BPEL
   - Invoking external services in Oracle BPEL
   - Overview of Partner Link
   - Orchestrate services through BPEL for a Synchronous Service
   - Orchestrate services through BPEL for an Asynchronous Service
   - Base on WSDL

9. Fault Handling and Exception Management
   - Events and Timeouts
   - Fault and Exception Handling
   - BPEL’s exception Handling, various activities in it
   - Fault Management Framework

10. MDS Introduction
    - MDS Advantages
    - Types of MDS deployment.
    - Configuration in Composites.

11. Event Delivery Network
    - Introduction to Event Delivery Network
    - Consuming Events from EDN.
    - Defining Events and using them.

12. Sensors
    - Introduction to Sensors
    - Use of Sensors
    - Different types of sensors

13. Working with Mediator Components
    - Introduction to the Mediator Component
• Creating a Mediator Component
• Adding Routing Rules
• Create Content Based Routing filters
• Create XSL Transformations with XSLT Mapper
• Fault Handling in mediator

14. Creating Adapter Services
• Architecture of Technology Adapters
• Pre-built technology Adapters in SOA Suite 11g
• Configuring Data sources, Connection Pools, JNDI
• Working with a Database Adapter
• Working with a JMS Adapter
• Working with a File Adapter

15. Human Workflow and Worklist Application
• Introduction
• Features of workflow service
• Users and Groups
• Hands on Sample

16. Business Rule and Decision Tables
• Introduction to Business Rules.
• Introduction to Decision tables
• Using Business Rules and Decision tables in BPEL

17. Usage of Spring Context
• Introduction
• Hands on Sample

18. Securing Services and Composite Applications
• Introduction to Web Service Security
• Oracle Web Services Manager Policy Framework
• Introduction to Security Policies
• Attaching Security Policies at Design-Time in JDeveloper
• Attaching Security Policies Post-Deployment in Enterprise Manager
- Discussing Security Propagation between Applications and an SOA Composite

19. Difference between SOA and OSB

20. SOA – OSB communication Sample