**Configuring Participant Modeling, Process Modeling, and User Security (Course Code: 6F91G)**

**Day 1**

Course Overview (10 minutes)

Unit 1,

Lesson 1.1 - Introduction to Applications Manager (1 hour)

* Introduction to Applications Manager
* Introduction to Application Platform
* Exercise 1.1.1:Launching the Applications Manager

Unit 2,

Lesson 2.1 - Defining Participants and Roles (2 hours 30 minutes)

* Business Models
* Participants in an Organization
* Organization Roles
* Map Participants and Roles
* Sample Case Study

Lesson 2.2 - Creating Organizations (3 hours)

* Setting up an Organization
* Organization Primary Information
* Communication
* Payment Information
* Child Organizations
* Calendar
* Department
* Walk-through: Create an Organization and Configure Attributes
* Exercise 2.2.1:Create Child Organizations and Department
* Optional Exercise

Lesson 2.3 - Assigning Attributes to Roles (1 hour 30 minutes)

* Enterprise Attributes
* Inbound Compliance
* Carrier Attributes
* Seller Attributes
* Node Attributes
* Advanced Attributes
* Role Attributes
* Check Your Understanding

**Day 2**

Unit 3,

Lesson 3.1 - Prerequisites for User Creation (1 hour 30 minutes)

* Users Overview
* User Attributes Overview
* Configure User Groups
* Configure Teams
* Configure Queues
* Exercise 3.1.1:Create a User Group and Team
* Optional Exercise

Lesson 3.2 - Configuring Users and Access Policies (3 hours)

* Create Users and Set Up Primary Information
* Queue Subscriptions and Printer Preferences
* User Hierarchy
* Setup Data Access Policy Rules
* Exercise 3.2.1:Create a User
* Optional Exercise
* Check Your Understanding

Unit 4,

Lesson 4.1 - Case Study (3 hours 30 minutes)

* Case Study Description
* Instructions to model Acme Ltd

**Day 3**

Unit 5,

Lesson 5.1 - Overview of Process Modeling (1 hour)

* Introduction to Process Modeling Concepts
* Components of Process Modeling
* Base Document Types
* Document Types
* Process Types
* Preconfigured Process-Type Pipelines
* Walk-through: Navigate a Pipeline
* Check Your Understanding

Unit 6,

Lesson 6.1 - Statuses and Conditions (2 hours)

* Overview of Statuses
* Exercise 6.1.1:Create a New Status
* Overview of Conditions
* Exercise 6.1.2:Create a Custom Condition
* Optional Exercises

Lesson 6.2 - Services, Events, Actions, and Transactions (3 hours)

* Overview of Services
* Exercise 6.2.1:Create a Custom Service
* Overview of Events and Actions
* Exercise 6.2.2:Create an Action
* Overview of Transactions
* Transaction-Related Tasks
* Exercise 6.2.3:Set Up an Event Handler
* Optional Exercises

Lesson 6.3 - Pipeline Creation and Determination (2 hours)

* Pipeline Creation
* Exercise 6.3.1:Create an Order
* Exercise 6.3.2:Create a New Pipeline
* Pipeline Determination
* Exercise 6.3.3:Create a Hub Determination Rule
* Exercise 6.3.4:Create an Order Manually
* Optional Exercises
* Check Your Understanding

Course Wrap-up (10 mins)

Configuring Item and Pricing (Course Code: 6F92G)

**Day 4**

Course Overview (10 minutes)

Unit 1,

Lesson 1.1 - Introduction to Item and Pricing Concepts (30 minutes)

* Item Concepts
* Catalogs and Subcatalogs
* Pricing Concepts
* Organizational Hierarchy

Lesson 1.2 - Introduction to IBM Sterling Business Center (1 hour)

* IBM Sterling Business Center
* IBM Sterling Business Center Panels
* IBM Sterling Business Center: Additional Features
* Exercise 1.2.1:Navigate IBM Sterling Business Center
* Lesson Review
* Check Your Understanding

Unit 2,

Lesson 2.1 - Catalog Management (1 hour, 45 minutes)

* Introduction to Catalogs
* Catalog Management
* Exercise 2.1.1:Create a Catalog and Category
* Manage Subcatalog Organization
* Entitlements
* Optional Exercise: Create a Catalog
* Lesson Review

Lesson 2.2 - Item Administration (1 hour, 30 minutes)

* Item Overview
* Item Types
* Item Creation
* Configure Merchandising and Sales Information
* Exercise 2.2.1:Create an Item
* Classification Management
* Exercise 2.2.2:Create a Classification
* Optional Exercise: Create an Item
* Lesson Review

Lesson 2.3 - Manage Attributes (1 hour)

* Attributes
* Manage Attribute Values
* Attribute Group and Attributes
* Assign Attribute Values
* Exercise 2.3.1:Assign Attribute Valus to Items
* Lesson Review

Lesson 2.4 - Services and Fulfillment Configuration (1 hour)

* Introduction to Services
* Create Service Item
* Configuring Merchandising and Sales Information
* Exercise 2.4.1:Create a Service Delivery Item
* Configure Services Information
* Fulfillment Options
* Lesson Review

Lesson 2.5 - Customer Definitions (1 hour, 15 minutes)

* Manage Customer Definitions
* Exercise 2.5.1:Create a Customer
* Exercise 2.5.2:Add a Customer Membership Level
* Lesson Review
* Check You Understanding

**Day 5**

Unit 4,

Lesson 4.1 - System Customization (1 hour, 30 minutes)

* Master Data Upload
* Exercise 4.1.1:Perform Master Data Upload
* Configure Object Extensibility
* Exercise 4.1.2:Add an Extensible Attribute
* Lesson Review

Lesson 4.2 - System Tasks (1 hour, 30 minutes)

* Order-related Configurations
* Application Configurations
* Lesson Review

Course Wrap-up (10 minutes)

**Inventory Management and Order Management Business Rules(Course Code: 6F93G)**

Course Overview (10 minutes)

Unit 1,

Lesson 1.1 -Order Management (1 hour 30 minutes)

* Applications Manager Overview
* Application Console
* Order Fulfillment Lifecycle
* Module Case Study

Lesson 1.2-Inventory Management (3 hours 30 minutes)

* Inventory Overview
* Inventory Adjustment
* Exercise 1.2.1:Perform Inventory Adjustment
* Supply Overview
* Demand Overview
* Exercise 1.2.2:View Inventory Summary
* Inventory Availability Safety Factor
* Exercise 1.2.3:Configure Onhand Safety Factor

**Day 6**

* Inventory Rules
* Exercise 1.2.4:Onhand Inventory Monitor
* Exercise 1.2.5:Create an Event Based ATP Monitor Rule
* Exercise 1.2.6:Action Based ATP Monitor Rule
* Optional Exercises

Unit 2,

Lesson 2.1 -Sales Order Specific Configuration(2 hours)

* Sales Order Overview
* Exercise 2.1.1:View Parts of an Order
* Basic Sales Order-Specific Rules
* Order Modifications
* Order Holds
* Exercise 2.1.2:Create and Add a Hold Type
* Order Monitoring
* Exercise 2.1.3:Configure a Status Monitor
* Exercise 2.1.4:Configure a Process Monitor
* Optional Exercises

Lesson 2.2 -Purchase Order Specific Configuration (2 hours)

* Purchase Order Overview
* Exercise 2.2.1:View Parts of an Order
* Basic Purchase Order-Specific Rules
* Order Modifications
* Exercise 2.2.2:Update Purchase Order
* Order Monitoring
* Exercise 2.2.3:Configure a Status Monitor
* Exercise 2.2.4:Configure a Process Monitor
* Optional Exercises

Lesson 2.3 – Replenishment (1 hour)

* Replenishment Overview
* Inventory Level-Based Replenishment

**Day 7**

Unit 2,

Lesson 2.2 –Sourcing and Scheduling Configuration (5 hours 30 minutes)

* Order Schedule
* Configuring a Scheduling Rule
* Exercise 2.2.1:Create a Scheduling Rule
* Order Sourcing
* Sourcing Rules Configuration
* Exercise 2.2.2:Sourcing Rules for Provided Services
* Landed Costs
* Optional Exercises

Lesson 2.3 -Order Fulfillment Rules Configuration (2hours)

* Order Fulfillment Overview
* Order Release Configuration
* Shipment Creation
* Shipment Consolidation Configuration
* Exercise 2.3.1:Fulfilling an Order
* Optional Exercise

**Day 8**

Lesson 2.3 -Order Fulfillment Rules Configuration *(..cont’d)* (1hour)

Lesson 2.4 – Order Release

Lesson 2.5 – VAS Process

Unit 3,

Lesson 3.1 -Service Capacity Configuration (2hours 30 minutes)

* Resource Capacity Overview
* Resource Capacity Configuration
* Additional Resource Capacity Configurations
* Exercise 3.1.1:Create a Resource Pool
* Optional Exercise

Unit 5,

Lesson 5.1 –Managing Returns (2 hours)

* Overview of Reverse Logistics
* Reverse Logistics Pipeline
* Returns Management
* Return Order Specific Configurations
* Exercise 5.1.1:Create a Blind Return
* Exercise 5.1.2:Create Return Order
* Exercise 5.1.3:Create and Close a Receipt

Course Wrap-up (10 mins)

**Extending the Application (Course Code: 6F94G)**

**Day 9**

**Unit 3: APIs and Custom Business Logic**

**Lesson 3.1: APIs and Custom Business Logic**

* Process Modeling
* System APIs
* Exercise 3.1.1:Using Order Console
* Exercise 3.1.2:Using API XML Documentation
* Working with APIs
* Input and Output XMLs
* Using the API Tester
* Exercise 3.1.3:Using the API Tester
* Exercise 3.1.4:Modifying XML Template
* User Exits
* Exercise 3.1.5:Configuring User Exits
* Custom Transactions
* Lesson Review

**Unit 4: Agent Framework**

**Lesson 4.1: Agent Framework**

* Time-triggered Transactions (Agents)
* Exercise 4.1.1:Viewing the YFS\_TASK\_Q Table
* Agent Architecture
* Exercise 4.1.2:Verifying the JMS Service
* Agent Criteria
* Best Practices
* Exercise 4.1.3:Viewing Agent Criteria Details
* Exercise 4.1.4:Configure Agents
* Exercise 4.1.5:Configure Agent Criteria Settings
* Best Practices
* Agent Monitoring
* Lesson Review

**Day 10**

**Unit 5: Service Definition Framework**

**Lesson 5.1: Service Definition Framework**

* Service Definition Framework
* Service Builder
* Exercise 5.1.1:Create a Service
* Integration Server Administration
* Exercise 5.1.2:Event Handling
* Exercise 5.1.3:Order Capture Integration
* Exercise 5.1.4:Order Creation
* Exercise 5.1.5:Exception Handling
* Exercise 5.1.6:Transaction Management via Services
* Exercise 5.1.7:Rapid Deployment Tool / Troubleshooting
* Lesson Review

**Unit 6: Extensibility**

**Lesson 6.1: Database Extensibility**

* Database Extensibility
* Entity Definition Framework
* Exercise 6.1.1:Viewing ERDs
* Extending the Database
* dbverify Script
* Custom Columns
* Hang-off Tables
* Exercise 6.1.2:Database Extensibility
* Lesson Review

**Lesson 6.2: Object Extensibility**

* Configure Object Extensibility
* Exercise 6.2.1:Add an Extensible Attribute
* Lesson Review

**Unit 7: Presentation Framework**

**Lesson 7.1: Presentation Framework**

* Presentation Framework
* Application Console Screens
* Managing the User Interface
* Working with UI Resources
* Exercise 7.1.1:Viewing the Order Entity
* Associating a User with a View
* Exercise 7.1.2:Associating a User with a View
* Exercise 7.1.3:Presentation Framework
* Localization