**Module No. 1 Retail Architecture and Topology**

1. Architecture and Topology overview
   * MS Dynamics 365 is cloud based solution.
2. LCS Features and Tools
3. Demo: LCS
   * Go to lcs.dynamics.com/v2 (Lifecycle Services) 🡪 create new project🡪 name (demo) 🡪 select product (AX 2012) 🡪 Select Version (R3) 🡪 industry (R3) 🡪 Methodology (ROI Test)🡪 click create.
4. Introduction to Azure
5. Demo: Azure
   * Go to azure.microsoft.com/en-us/account/ 🡪 login to account 🡪 Edit dashboard to customize for yourself 🡪
6. Deployable Retail Components
7. Demo: Deployment of MPOS, Retail Server and hardware stations
   * Channel setup 🡪 POS setup 🡪 devices 🡪 select HOUSTON-19 🡪 click on the URL 🡪 take you to activation page 🡪 click activate 🡪 click start to start the POS and login.

**Module No. 2 Retail Server**

1. Retail Server Overview
   * Retail Server is main component
2. Components Overview
3. Overview of Commerce Runtime
4. Connectivity and System Requirements
   * System requirement for MPOS, Hardware station & Scale Unit
5. Retail Store Scale Unit Overview
6. Preparing for deployment (Very important lecture)
   * Configuration steps
     1. 1-Azure prep 🡪 2-channel creation /association 🡪 3-Database creation 🡪 4-channel profile creation 🡪 5-retail channel id live database 🡪 6-Full data Sync
        1. Azure prep
           1. Azure webapp to create client id & secret
        2. Channel creation association
           1. Location information warehouse & shipping warehouse 🡪POS 🡪 sale tax group 🡪 default customer
        3. Channel Database creation
           1. CDC group create 🡪 database ID 🡪 Sync internal 🡪 channels🡪 package
        4. Channel profile
           1. Retail server url 🡪 cloud POS url 🡪 Printer URL 🡪 Drawer URL 🡪 Payment terminal url🡪 media server base url
        5. Retail channel ID’s live database
        6. Full Data Sync
7. Demo: Preparing for Deployment part 1
   * Create channel database 🡪 click new 🡪 give name (RRSU) 🡪 Click save 🡪 create new store 🡪 now connect channel database to store 🡪 channel database 🡪 click add 🡪 enter store name 🡪 save 🡪 now setup channel profile 🡪 click chanel profile 🡪 click new 🡪 add 🡪 click validate 🡪 open store again 🡪 edit 🡪 enter channel profile 🡪 select functional profile and select live channel database as well
8. Demo: preparing for Deployment part 2
   * Click distribution schedule 🡪 look for 9999 job 🡪 run 🡪 now setup channel database group 🡪
9. Retail Store Scale Unit Deployment
10. Demo: Deploy Retail Store Scale Unit
11. Demo: Install Retail Store Scale Unit

**Module No. 3 Commerce Data Exchange**

1. Introduction to Commerce Data Exchange
2. Inquiries Overview
3. Demo: Workspaces
4. About the MPOS Offline Database
5. Demo: Set up profile for MPOS Offline Database
6. Offline Database Transaction Support
7. Deployment of Online Stores
8. Demo: Online Stores Set up