

## Unit 1: Introduction

1. Hybris - Course Overview
2. Hybris - Introduction
3. System - Software/Hardware Requirements
4. Course Technical Prerequisites Overview
5. Course Functional Prerequisites Overview
6. Job Opportunities, Scope and Technology Future
7. Hybris Customers – Global Implementations

## Unit 2: Architecture

1. Business Architecture - Overview
2. Business Architecture - Compatibility
3. Business Architecture - Integration Scenarios
4. Technical Architecture – Overview
5. Technical Architecture – Client Layer
6. Technical Architecture – Presentation Layer
7. Technical Architecture – Business Layer
8. Technical Architecture – Persistence Layer
9. Technical Architecture – Data Layer
10. Hybris Online Resources
11. Hybris Support
12. Hybris internalization

## Unit 3: Setting Up a Development Environment

1. Installing Hybris Framework
2. Installer Folder
3. Hybris Folder
4. Platform Folder
5. Hybris Server – Apache Tomcat
6. Eclipse Integration – Import/Export
7. Eclipse Integration – Maven
8. Eclipse Integration – Ant
9. Eclipse Integration – Github

## Unit 4: Hybris Admin Console - HAC

1. Introduction to HAC
2. Hybris Platform Maintenance
3. Database Monitoring Activities
4. Hybris Maintenance
5. Hybris Console
6. Hybris Memory/Queues/Threads

## Unit 5: Cockpits

1. MCC Overview
2. PCM Cockpit
3. WCMS Cockpit
4. Admin Cockpit
5. Report Cockpit
6. Customer Service Cockpit
7. Instore Cockpit
8. HAC Console
9. Custom Cockpits

## Unit 6: Back Office

1. Introduction
2. Commerce Search
3. Data Hub installation
4. System
5. Catalog
6. Multimedia
7. Orders – B2C/B2B
8. Order Management System
9. User Settings
10. Price Settings
11. Base Commerce
12. B2C Commerce
13. B2B Commerce

## Unit 7: Hybris Integrations

1. IMPEX
2. IDOCs
3. RFC
4. ODATA
5. ERP Integration
6. CRM Integration
7. NON-SAP Integration
8. Hybris – Hybris Inegration

## Unit 8: Extensions

1. Introduction of hybris extensions
2. Configuration Extensions
3. New/Custom extensions
4. Implementation
5. Create New extensions
6. Import/Export of Extensions to Eclipse

## Unit 9: Hybris Core / Core + Concepts

1. Introducing CronJob
2. Implementation with examples
3. Impex Import
4. Impex Export
5. Hybris Core
6. Sample Scripts
7. Dynamic Model Attributes
8. Overview of Flexible Search
9. How to write Search Query implementation
10. The Hybris Catalog Extension

## Unit 10: SAP Hybris – B2B

1. B2B Unit
2. B2B Customer
3. B2B Cost Centre
4. B2B User Group
5. B2B Reporting Set
6. B2B Merchant Check
7. Future stock

## Unit 11: Hybris Infrastructure

1. Introduction Web/Application servers
2. Apache Tomcat
3. Datahub
4. HSQL
5. Hibernate
6. SOLR

## Unit 12: Web services API

1. Spring MVC
2. RESTful Web service
3. Web services API
4. ZK Frame work
5. Spring Integration
6. Architecture of the Service Layer
7. Services, Strategies, and Facades, DTO, DAO

## Unit 13: Data modelling with Hybris Type System

1. Type System (Data Modelling)
2. Enumeration
3. Collection
4. Relation
5. Synchronization Item Type

## Unit 14: SAP Hybris Project – End-To-End Project

1. B2B Website – Implementation (Own Customization)
2. B2C Website – Implementation (Own Customization)
3. Website – PCM Integration
4. Website – WCMS Integration
5. Website – Report Integration
6. Website - In-store Integration
7. Website – SOLR Integration