

## SAP EDUCATION



### PRODUCT LIFE-CYCLE MANAGEMENT:

SAP solutions provide comprehensive functionality for life-cycle data management. With training in this vital area, you can ensure reliable data throughout your product's life cycle. Here you will learn how to manage specifications, product structures, and the associated technical documentation -- so you can leverage fast, accurate data management both within and beyond company boundaries. In addition, you'll learn how to maintain tight control of your data and improve data precision for the entire product life-cycle -- enabling you to better design products that meet the needs of customers, and deliver those products to market faster.

**Delivery Type:** Class – Room Instructor Led

**Locations:** Calgary, Edmonton, Vancouver, Ottawa, Montreal & Toronto

# COURSE CONTENTS:

## → **Overview of Product Life-Cycle Management:**

- Overview Life-Cycle Data Management
- Life-Cycle Collaboration

## → **Business Processes in Life-Cycle Data Management:**

- Business Processes in Document Management
- Business Processes in CAD Integration
- Material master and bill of Material
- Work Centers & Routings
- Classification
- Variant Configuration
- Engineering change management
- Product Replication
- Master Data Management
- Internet Scenario

## → **Basic Data for Manufacturing and Product Management:**

- Organizational Data related to Production Planning and Manufacturing
- Creating Material Master Data and managing changes to it
- Functions and Features of Bills of Material
- Multiple and Variant BOM's
- BOM Maintenance and Reporting
- Work Center Master Data, Capacity Data & Scheduling Data
- Functions and Features of Discrete Manufacturing
- Routing Sequences and Operational Details
- Task List Maintenance and Reporting

## → **Change and Configuration Management:**

- Change Master Records
- Changes to Material Masters, BOM's, Documents, Task Lists & Routing and objects for classification
- Reporting Functions
- Engineering Change Orders and Requests

- Parameter effectivity
- Change Hierarchies
- Release Key
- Digital Signature
- Configuration Management for Product Replication

#### → **Basic Data for Process Manufacturing:**

- Overview of Materials, Classification System & Batches
- Resources and Capacities
- Production Versions and Master Recipes
- Recipe Approval
- Essential Settings in Customizing

#### → **Document Management & cFolders:**

- Use of the document into record
- Objects Links to other objects
- Use of Originals
- Original Storage in the Secure Area
- CAD Integration
- Distribution
- Relevant Customizing
- Internet Scenario
- Basics of cFolders
- Collaborative and Competitive Scenario
- Structured Objects, Authorizations and Services

#### → **Classification and Batch Management:**

- Characteristics Maintenance
- Class Maintenance
- Object Classification
- Options for Using the classification system to find objects
- Class Hierarchies and characteristic inheritance
- Object dependencies in classification
- Customizing including maintaining class types and classifiable object types
- Applications of Classification

### ➔ Variant Configuration – Modeling and Integration:

- Overview & Special Features in Variant Configuration
- Special Features in Variant Configuration for Material Masters, BOM's and Routings
- Overview of Configuration Profiles and Scenarios
- Overview of types and use of dependencies: Prerequisites, selection conditions, procedures, constraint
- Use of dependencies in bills of material and routings
- Use of dependencies for the valuation interface
- Overview of constraints
- Pricing and Variant Configuration
- Material Variants
- Configurable materials in Sales and Distribution, Planning, Production and Engineering and order change management

### ➔ Variant Configuration – Additional Functions and Scenarios:

- Control Parameters in the Configuration profile in detail
- Additional Information on constraints, variant tables, variant functions and characteristic selection
- Configuration Scenario: Planned/Production Order without BOM explosion
- Configuration Scenarios: Planned/Production Order with single-level/multilevel BOM explosion
- Configuration Scenarios: Sales Order (SET processing)
- Configuration Scenarios with order BOM's
- Result-oriented and knowledge – based order BOM's

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## CONTACT US

Course schedule information is available on [www.sitinfosys.com](http://www.sitinfosys.com)

Please check with us for the latest information.

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