

S4 HANA FINANCE & CONTROLLING Allied with Material Management, Sales & Distribution and production Planning
By Paridas

Contents

- 1 Business Scope – Finance, Controlling & Logistics
- 2 SAP S4 HANA Functionality within the Scope
- 3 Organization Structure Configuration
 - 3.1 Company Code Configuration
 - 3.1.1 Define Company Code
 - 3.1.2 Define Fiscal Year Variant (Use Std)
 - 3.1.3 Assign Company Code to a Fiscal Year Variant
 - 3.1.4 Define Variants for Open Posting Periods
 - 3.1.5 Assign Variants to Company Code
 - 3.1.6 Open and close Posting Periods
 - 3.1.7 Create document number ranges for company code
 - 3.1.8 Copy document number ranges to fiscal year (OBH2)
 - 3.1.9 Define document type and assign document number range (Use Std)
 - 3.1.10 Enable Fiscal Year Default
 - 3.1.11 Enable Default Value date
 - 3.1.12 Maintain Field Status Variants
 - 3.1.13 Assign Company Code to Field Status Variants
 - 3.1.14 Screen variants for document entry (Use Std)
 - 3.1.15 Define Tolerance Groups for Employees
 - 3.1.16 Assign User/Tolerance Groups
 - 3.1.17 Maximum Exchange Rate Difference
 - 3.1.18 Define Maximum Exchange Rate Difference per Foreign Currency
 - 3.1.19 Create Company
 - 3.1.20 Assign company code to company
 - 3.2 Chart of Account Configuration
 - 3.2.1 Copy Chart of Accounts from YCOA
 - 3.2.2 Assign Company Code to Chart of Accounts
 - 3.2.3 Copy GL for Company Code
 - 3.2.4 Related Settings for Chart of Accounts and GL
 - 3.3 Controlling area Configuration
 - 3.3.1 Define Controlling Area
 - 3.3.2 Activate Controlling area Components
 - 3.3.3 Assign Company Code to Controlling Area
 - 3.3.4 Maintain Number Range for Controlling Documents
 - 3.3.5 Maintain Versions
 - 3.3.6 Define Ledger for CO Version (Copy from A000)
 - 3.4 Define Company Code - Copy from BP Co code
 - 3.5 Define Settings for Ledgers and Currency Types

- 3.6 Profit Center Accounting
 - 3.6.1 Maintain Controlling Area Settings
 - 3.6.2 Activate Profit Center Accounting in Controlling Area
 - 3.6.3 Create Dummy Profit Center
 - 3.6.4 Define Segment (Use Std)
- 3.7 Cost Center Accounting
 - 3.7.1 Define Settings for Ledgers and Currency Types
 - 3.7.2 Define Cost Center Categories (Use Std)
 - 3.7.3 Define List variant for cost center accounting (Use Std)
 - 3.7.4 Define Cost Center Group
 - 3.7.5 Define Cost Center
 - 3.7.6 Define Number Range
 - 3.7.7 Maintain Currency Translation Key (Use Std)
 - 3.7.8 Maintain category for planning (Use Std)
 - 3.7.9 Define Budget Profile (Use Std)
 - 3.7.10 Maintain Budget Availability Control Profile for Cost Centers (Use Std)
- 3.8 Credit Control Area
 - 3.8.1 Define Credit Control Area
 - 3.8.2 Assign company code to credit control area
- 3.9 Define Functional Area (Use Std)
- 3.10 Logistics – General
 - 3.10.1 Define valuation level. (Use Std)
 - 3.10.2 Define, copy, delete, check plant
 - 3.10.3 Define Location
 - 3.10.4 Define, copy, delete, check division
 - 3.10.5 Assign plant to company code
- 3.11 Sales & Distribution
 - 3.11.1 Define Sales Org.
 - 3.11.2 Define, copy, delete, check distribution channel
 - 3.11.3 Maintain sales office
 - 3.11.4 Maintain sales Group
 - 3.11.5 Assign sales organization to company code
 - 3.11.6 Assign distribution channel to sales organization
 - 3.11.7 Assign division to sales organization
 - 3.11.8 Set up sales area
 - 3.11.9 Assign sales office to sales area
 - 3.11.10 Assign sales group to sales office
 - 3.11.11 Assign sales organization - distribution channel – plant
- 3.12 Logistics Execution
 - 3.12.1 Create Shipping Point
 - 3.12.2 Assign shipping point to plant
- 3.13 Purchase & Material Management
 - 3.13.1 Maintain storage location
 - 3.13.2 Maintain purchasing organization

- 3.13.3 Assign purchasing organization to company code
- 3.13.4 Assign purchasing organization to plant
- 3.13.5 Assign standard purchasing organization to plant
- 3.13.6 Assign purch. organization to reference purch. Organization
- 3.14 Tax Configuration
 - 3.14.1 Check Calculation Procedure- Access Sequences (Use Std)
 - 3.14.2 Check Calculation Procedure - Define Condition Types (Use Std)
 - 3.14.3 Check Calculation Procedure - Define Procedures (Use Std)
 - 3.14.4 Assign Country to Calculation Procedure (Use Std)
 - 3.14.5 Check and Change Settings for Tax Processing (Use Std)
 - 3.14.6 Specify Structure for Tax Jurisdiction Code (Use Std)
 - 3.14.7 Define Tax Jurisdictions (Use Std)
 - 3.14.8 Define Tax Codes for Sales and Purchases (Maintain)
 - 3.14.9 Define Tax Accounts (Use Std-GL Assignment)
 - 3.14.10 Assign Country and Tax Code to G/L Accounts (Use Std-GL Maintain)
 - 3.14.11 Assign Tax Codes for Non-Taxable Transactions (Customize)
- 4 IMG Customizing Finance
 - 4.1 General Ledger
 - 4.1.1 Classify G/L Accounts for Document Splitting (Use Std-Copy from YCOA)
 - 4.1.2 Define Zero-Balance Clearing Account (Use Std-Maintain GL as YCOA)
 - 4.1.3 Define Document Splitting Characteristics for General Ledger Accounting (Use Std)
 - 4.1.4 Edit Constant for Non-assigned Processes (Customize)
 - 4.1.5 Activate Document Splitting (Use Std)
 - 4.1.6 Prepare Cross-Company Code Transactions (Customize)
 - 4.2 Bank Accounting
 - 4.2.1 Define House Banks
 - 4.2.2 Define Lockboxes for House Banks
 - 4.2.3 Make Global Settings for Electronic Bank Statement (Use Std)
 - 4.2.4 Define Control Parameters (Use Std) 133
 - 4.2.5 Define Posting Data (Use Std-Maintain GL)
 - 4.3 Accounts Payable and Accounts Receivable
 - 4.3.1 Business Partner Number Range and Groupings (Use Std)
 - 4.3.2 Business Partner Number Range assignment for Direction BP to Customer
 - 4.3.3 Customer Groups
 - 4.3.4 Reserve Fields in Customer Master (Customer Group 1 to 5)
 - 4.3.5 Customer Master Text
 - 4.3.6 Text IDs in the Procedure
 - 4.3.7 Maintain Company Codes for Materials Management
 - 4.3.8 Define Tolerances (Vendors) – (Copy from 1710)
 - 4.3.9 Maintain Default Values for Tax Codes
 - 4.3.10 Set Check for Duplicate Invoices (Use Std)
 - 4.3.11 Maintain Terms of Payment (Use Std)
 - 4.3.12 Define Terms of Payment for Installment Payments (Customize)
 - 4.3.13 Define Accounts for Cash Discount Taken (Use Std Maintain GL)

- 4.3.14 Define Accounts for Lost Cash Discount
- 4.3.15 Define Accounts for Cash Discount Granted
- 4.3.16 Define Accounts for Overpayments/Underpayments
- 4.3.17 Define Accounts for Exchange Rate Differences
- 4.3.18 Define Account for Rounding Differences
- 4.3.19 Define Accounts for Bank Charges (Vendors)
- 4.3.20 Enable Translation Posting
- 4.3.21 Define Accounts for Payment Differences (Manual Outgoing Payment)
- 4.3.22 Set Up All Company Codes for Payment Transactions
- 4.3.23 Set Up Paying Company Codes for Payment Transactions
- 4.3.24 Set Up Payment Methods per Country for Payment Transactions
- 4.3.25 Set a Payment Medium Format per Company Code
- 4.3.26 Set Up Bank Determination for Payment Transactions
- 4.3.27 Set Up Payment Methods per Company Code for Payment Transactions
- 4.3.28 Create Payment Medium Formats (Development)
- 4.3.29 Adjust Payment Medium Format
- 4.3.30 Create/Assign Selection Variants (Use Std)
- 4.3.31 Assign Payment Medium Format and Note to Payee to Payment Method
- 4.3.32 Define Identification for Cross-Payment Run Payment Media
- 4.4 Asset Accounting
 - 4.4.1 Copy Reference Chart of Depreciation/Depreciation Areas
 - 4.4.2 Copy/Delete Depreciation Areas
 - 4.4.3 Assign Chart of Depreciation to Company Code
 - 4.4.4 Specify Number Assignment Across Company Codes
 - 4.4.5 Define Number Range Interval
 - 4.4.6 Define How Depreciation Areas Post to General Ledger
 - 4.4.7 Assign G/L Accounts
 - 4.4.8 Determine Depreciation Areas in the Asset Class
 - 4.4.9 Deactivate Asset Class for Chart of Depreciation
 - 4.4.10 Specify Max. Amount for Low-Value Assets + Asset Classes
 - 4.4.11 Specify amount for low value assets
 - 4.4.12 Maintain Depreciation Key
 - 4.4.13 Define Screen Layout for Asset Master Data
 - 4.4.14 Define 4-Character Evaluation Groups
 - 4.4.15 Change key words for evaluation group
 - 4.4.16 Define/Assign Settlement Profiles
 - 4.4.17 Define Segment
- 4.5 Inter Company Matching and Reconciliation (ICR 003)
 - 4.5.1 Activate Processes
 - 4.5.2 Activate Transaction Data Tables
 - 4.5.3 Define Reconciliation Process Detail Attributes
 - 4.5.4 Maintain Number Range for Group Reference Numbers
 - 4.5.5 Define Sets
 - 4.5.6 Define G/L Posting Document Templates

- 4.5.7 Assign Document Templates to Companies
- 4.5.8 Define Number Range for Matching Documents
- 4.5.9 Define Number Range for Matching Assignments
- 4.6 Credit Management
 - 4.6.1 Create Credit Segments
 - 4.6.2 Define Customer Credit Group
 - 4.6.3 Create Risk Classes
 - 4.6.4 Define Checking Rules
 - 4.6.5 Define Case Types for Documented Credit Decision
 - 4.6.6 Define Approval Process
 - 4.6.7 Define Liability Categories
 - 4.6.8 BAdI: Acceptance of a Documented Credit Decision
 - 4.6.9 BAdI: Activation of SAP Credit Management
 - 4.6.10 Assign Credit Control Area and Credit Segment
 - 4.6.11 Define Credit Exposure Categories
 - 4.6.12 Assign Permitted Credit Control Areas to Company Code
 - 4.6.13 BAdI: Fill Line Items for Credit Exposure Update
 - 4.6.14 Calculation of Payment Behavior Summary
 - 4.6.15 Assign Sales Area to Credit Control Area
 - 4.6.16 Define Credit Exposure Categories
 - 4.6.17 Determine Active Receivables Per Item Category
 - 4.6.18 Assign Sales Documents and Delivery Documents
 - 4.6.19 Set Credit Limit Checks for Delivery Types
 - 4.6.20 Define Automatic Credit Control
 - 4.6.21 Define Risk Categories
 - 4.6.22 BAdI: Connection of SD to SAP Credit Management
 - 4.6.23 BAdI: Sending a Documented Credit Decision
- 5 IMG Customizing Controlling
 - 5.1 Overview Controlling
 - 5.2 Material Ledger
 - 5.2.1 Assign Currency Types and Define Material Ledger Types
 - 5.2.2 Assign Material Ledger Types to Valuation Area
 - 5.2.3 Activate Material Ledger for Valuation Areas
 - 5.3 Product Costing
 - 5.3.1 Define Costing Sheet
 - 5.3.2 Maintain Overhead cost Elements
 - 5.3.3 Define Calculation Bases
 - 5.3.4 Define Percentage Overhead
 - 5.3.5 Define Quantity-Based Overhead (Optional)
 - 5.3.6 Define Credits
 - 5.3.7 Define Origin Group (Optional)
 - 5.3.8 Define Overhead Keys
 - 5.3.9 Define Overhead Group
 - 5.3.10 Define Cost Component Structure

- 5.3.11 Define Cost Components
- 5.3.12 Define Cost Component Attributes
- 5.3.13 Assign Cost Element Interval to Cost Component Structure
- 5.3.14 Assign Organizational unit to Cost Component structure
- 5.3.15 Define Costing type
- 5.3.16 Define Valuation Variant
- 5.3.17 Create/Assign Date Control
- 5.3.18 Define/Assign Quantity Structure Control
- 5.3.19 Define Transfer Control
- 5.3.20 Define Reference Variants (Optional)
- 5.3.21 Define Costing Variant
- 5.3.22 Assign Condition Type to Origin Group
- 5.3.23 Activate Cost Component Split in Controlling area currency (Optional)
- 5.3.24 Activate Cross-Company Costing (optional)
- 5.3.25 Define Source Structure in Joint Production (optional)
- 5.3.26 Define Quantity Structure Types for Mixed Costing (optional)
- 5.3.27 Define Costing Versions (optional)
- 5.3.28 Maintain Summarization Hierarchy
- 5.4 Cost Object Controlling (Production Process)
 - 5.4.1 Product Cost by Order
 - 5.4.2 Product Cost by period (Product cost collectors)
 - 5.4.3 Product Cost by Sales Order
- 5.5 Period End Closing
 - 5.5.1 Work In Progress – Define Result Analysis Key
 - 5.5.2 Define Cost Elements for WIP Calculation
 - 5.5.3 Define Result Analysis Version
 - 5.5.4 Define Valuation Method
 - 5.5.5 Assign Valuation Variant to WIP
 - 5.5.6 Define Line ID
 - 5.5.7 Define Assignments
 - 5.5.8 Define Update
 - 5.5.9 1.2.8 Define Posting Rules for Settling Work in Process
 - 5.5.10 Define Number Ranges
 - 5.5.11 Variance Calculation – Define Variance Key
 - 5.5.12 Define Variance Variant
 - 5.5.13 Assign Variance Key for Plant
 - 5.5.14 Define Valuation Variant for WIP and Scrap (Target Costs)
 - 5.5.15 Define Order type dependent parameters
 - 5.5.16 Define Target Cost Version
 - 5.5.17 Define Number Ranges for Variance Documents
 - 5.5.18 Settlement - Create Settlement Profile
 - 5.5.19 Maintain Settlement Profile
 - 5.5.20 Create Allocation Structure
 - 5.5.21 Create PA Transfer Structure

- 5.5.22 Maintain Number Ranges for Settlement Documents
- 5.5.23 Additional Settings for Product Cost by period
- 5.6 Extension Ledgers and Predictive Accounting
 - 5.6.1 Define Settings for Ledgers and Currency Types
 - 5.6.2 Define Ledger Group
 - 5.6.3 Map the predictive ledger to the control settings:
 - 5.6.4 Activate Predictive Accounting for Incoming Sales Orders
 - 5.6.5 Maintain Billing Types for Predictive Accounting
 - 5.6.6 Maintain SD item categories for Predictive Accounting
- 5.7 Margin Reporting (COPA)
- 5.8 Business Planning
 - 5.8.1 Maintain category for planning
 - 5.8.2 Define Budget Profile
 - 5.8.3 Maintain Budget Availability Control Profile for Cost Centers
- 6 IMG Customizing Logistics
 - 6.1 Production
 - 6.1.1 Bills of Material
 - 6.1.2 Work Centers
 - 6.1.3 Routings
 - 6.1.4 Material Requirements Planning
 - 6.1.5 Shop Floor Control
 - 6.2 Batch Management
 - 6.2.1 Batch Number Assignment
 - 6.2.2 Define Batch Creation for Production Order / Process
 - 6.2.3 Define Batch Creation for Goods Movement
 - 6.2.4 Define Batch Creation for Goods Movement
- 6.5 Sales Pricing & Invoicing
 - 6.5.1 Pricing Procedure
 - 6.5.2 Pricing Procedure Determination
 - 6.5.3 Pricing Condition Type
 - 6.5.4 Pricing Condition Access Sequence
- 7 Unit (Individual Functionality) Testing
 - 7.1.1 Account Posting with Doc Splitting (Testing)
- 8 End to End (Integration) Testing
- 9 User Business Process Manual

Syllabus Coverage towards Certification: Finance & Controlling

SAP FICO - FI (Financial Accounting) and CO (Controlling). SAP FICO is the important module of both FI and CO modules stores the financial transactions data. Course is designed for SAP beginners and SAP professionals so that you can configure and implement SAP FICO step by step.

SAP FICO module syllabus.

SAP FI – Organizational Structure

1. Define Company
2. Define Company Code
3. Create new companies by copying existing company code
4. Assign Company Code to Company
5. Define Functional Area
6. Define Credit Control
7. Assign Company Code to Credit Control

SAP FI – Financial Accounting Global Settings

1. Maintain Fiscal Year Variant
2. Assign Company Code to Fiscal Year Variant
3. Define variants for Open Posting Periods
4. Open and Close Posting Periods
5. Assign Posting Period Variant to Company Code
6. Define Field Status Variants
7. Assign Company Code to Field Status Variants
8. Define Posting Keys
9. Define Document Types
10. Define Document Number Ranges
11. Define Tolerance Group for Employees
12. Define Tolerance Group for G/L Accounts
13. Assign Users to Tolerance Group
14. Global Parameters for Company Code
15. Define Additional Local Currencies for Company code

SAP FI – General Ledger

1. Define Chart of Accounts
2. Assign Company Code to Chart of Accounts
3. Define Account Groups
4. Define Retained Earnings Account
5. Define sample account rule types
6. Define data transfer rules
7. Assign company code to rule type
8. Create Sample Account
9. Create General Ledger Account

Tax Configuration

1. Tax calculation procedure
2. Tax condition types
3. Assign country to calculation procedure
4. Jurisdiction code structure

5. Maintain Tax code
6. Allow tax codes for non taxable transactions

Bank Accounting

1. Create bank key
2. Define House bank
3. Global Settings for Electronic Bank Statement

SAP FI Accounts Payable/Receivable:

1. Create Vendor Account Groups
2. Create Number Ranges for Vendor Accounts
3. Assign the number ranges to Vendor account groups
4. Create Sundry (One time) Creditors Account
5. Define Tolerances Group for Vendors
6. Vendor Payment Terms
7. Create Vendor Master Data
8. Automatic Payment Program SAP FI

Accounts Receivable :

9. Create Customer Account Groups
10. Create Number Ranges for Customer Accounts
11. Assign Number Ranges to Customer Account groups
12. Define Tolerances Group for Customer
13. Customer Payment Terms
14. Create Customer Master Record
15. Dunning procedure configuration

SAP FI – Asset Accounting

16. Chart of Depreciation
17. Assign Chart of Depreciation to Company Code
18. Specify Account Determinations
19. Create Screen Layout Rules
20. Maintain asset number ranges
21. Define Asset Classes
22. Determine Depreciation area in the Asset Class
23. Assignment of General Ledger Accounts
24. Define Screen Layout for Asset master data
25. Define Screen Layout for Asset Depreciation Areas
26. Maintain Depreciation key
27. Depreciation Run (Month End Process)

Treasure Management

1. Define Lockboxes
2. Define lockbox-posting data
3. Lockbox Testing with BAI2 file

Controlling Organizational Structure

1. Create Controlling area
2. Create Operating Concern (Account Based)

Cost Center

Create Cost Center

Internal Order

All About internal Order
Settlement Of Internal Orders To Cost Centers

Profit Center

SAP Profit Center Tutorial: Create, Group, Posting & Planning Profit Center Standard Hierarchy

Assignment of Cost Centers To Profit Center

Assignment of Materials To Profit Center

Overview of S/4 HANA

- Challenges in Traditional SAP Solutions
- SAP S/4 HANA Architecture
- SAP S/4 HANA On Premise Solution
- SAP S/4 HANA Cloud Solution
- SAP S/4 HANA Hybrid Solution
- SAP S/4 HANA Implementation Roadmap

Overview of SAP Simple Finance

- SAP Simple Finance Architecture
- What's new in SAP Simple Finance
- Universal Journal Entry
- Deployment Options
- Adoption Scenarios
- Central Finance Solution

Configuration Deep Dive:

SAP Accounting powered by SAP HANA

- Outlining New Features of GL Accounting in SAP HANA
- Table level Changes
- Unifying the Fiscal Year Variants
- Universal Journal Configuration
- Currency Configuration
- Account based vs Ledger based Configuration
- Accounting Principles/ Ledger Group Configuration
- Controlling Mapping Variant
- Unified Master Data (Clubbing of GL master and Cost Element)
- Consistency Checks of Universal Journal

SAP Asset Accounting powered by SAP HANA

- Outlining New Features of New Asset Accounting
- Table level Changes

Prerequisites of Activating New Asset Accounting

- Depreciation Areas for Parallel Currencies
- Understanding Technical Clearing Account
- Changes in Posting of Acquisition, Depreciation
- Depreciation Areas for Parallel Ledgers
- Posting Controls for Parallel Currencies & Parallel Ledgers
- Transfer of APC and Depreciation terms
- Migrating Chart of Depreciation
- Changes in Posting of Acquisition, Depreciation
- Consistency Check before activating New Asset Accounting

- Activate New Asset Accounting

SAP Controlling powered by SAP HANA

- Outlining New Features of New Asset Accounting
- Master Data Changes
- Document Types and Versions changes for Controlling Transactions
- Splitting of Production Variance components in Accounting
- Advantages of Account based COPA over Cost based COPA
- Account based COPA as the mandatory solution
- Activation of Account based COPA
- Splitting of Cost of Goods Sold in Accounts

SAP Cash Management Powered by SAP HANA

- Configuring House Bank Management
- Bank Account Workflow Management
- Bank Account Master and Transaction Approval Process
- Payments Signatory Control
- Configuring New Cash Management
- Configuration of Cash Position
- Liquidity Forecasting

SAP S/4HANA Finance (Certified Application Associate) for Financial Accounting Associates Training Objective

The SAP S/4HANA for Financial Accounting Associates certification course verifies that the candidate possesses knowledge and skills in the area of SAP S/4HANA Financial Accounting. On completion of course the candidate will have good overall understanding of fundamentals of SAP S/4HANA Financial Accounting and can implement this knowledge practically in their projects. This course enables consultants to get acquainted within Financial Accounting projects.

On completion of his course and certification and adding experience in SAP implementation projects of Financial Accounting the candidates can take the next exam: "SAP Certified Application Professional - Financials in SAP S/4HANA for SAP ERP Financials experts".

Topic Areas – Focus on certification Financial Closing

Perform month and year-end closing in Financial Accounting (exchange rate valuation, post provisions etc.)

- Create balance sheet
- Create profit and loss statements
- Monitor closing operations using the Financial Closing Cockpit
- Post accruals with accrual documents and recurring entry documents
- Manage posting periods

General Ledger Accounting

- a. Create and maintain general ledger accounts · Exchange rates
- b. Bank master data and define house banks
- c. Create and reverse general ledger transfer postings
- d. Post cross-company code transactions
- e. Create profit centers and segments
- f. Clear an account and define and use a chart of accounts

- g. Maintain tolerances, tax codes, and post documents with document splitting

Accounts Payable & Accounts Receivable

1. Create and maintain business partners
2. Post invoices and payments and use special g/l transactions
3. Reverse invoices and payments
4. Block open invoices for payment
5. Configure the payment program and manage partial payments ·
6. Define the customizing settings for the Payment Medium Workbench
7. Use the debit balance check for handling payments
8. Define terms of payment and payment types · Explain the connection of customers to vendors
9. Describe integration with procurement and sales

Asset Accounting

1. Create and maintain charts of depreciation and the depreciation areas
2. Asset classes, asset master data, and configure and perform FI-AA business processes in the SAP system
3. Set up valuation and depreciation, perform periodic and year-end closing processes, and explain and configure parallel accounting

SAP Financials Cross Topics

1. Manage Organizational Units, currencies
2. Configure Validations and Document Types
3. Utilize Reporting Tools
4. Configure Substitutions, and manage Number ranges

SAP Certifications Codes:

SAP S/4 HANA Finance (Associate Level)

C_TS4FI_1909