

SAP Certified Application Associate - Financial Accounting (FI)

Course Code: TFIN52

Duration: 132 Hours

The certification test "Application Associate - Financial Accounting (FI) with verifies fundamental knowledge and proven skills in the area of SAP ERP Financial Accounting. It tests that the candidate has a good overall understanding within this consultant profile, and can implement this knowledge practically in projects under guidance of an experienced consultant. This certificate is the ideal -although not mandatory- prerequisite for the qualification to SAP Certified Professional in Financial Accounting.

Course Content (Details)

- Organizational units, master data and documents for Financial Accounting: company code, fiscal year, currencies, general ledger accounts, customer and vendor master records, profit center, document control, postings, clearing open items, cash journal
- Handling of payments, dunning, correspondence and closing operations in Financial Accounting:
 - Automatic payment program with clearing of open items
 - Automatic dunning program for creating dunning notices and correspondence
 - Overview of month and year-end accounting processes in Financial Accounting
 - Balance sheet and P&L
 - Preparatory closing postings in subledgers and the general ledger
 - Technical organizational and documentary steps in individual closing
 - Closing Cockpit
 - Configuration of periodic closings in Financial Accounting
- Organizational structures, master data, and business processes in Asset Accounting:
- Chart of depreciation, depreciation area, asset classes, master data , asset transactions, valuation, periodic processing, information system
- Evaluation methods in Financial Accounting (Infosystem and ABAP reports of general ledger accounting, accounts receivable accounting, and accounts payable accounting, report variants, selection variables in variants, List Viewer, sample evaluations using the drilldown reporting tool)
- Special G/L transactions and document parking
- Validations and substitutions in Financial Accounting
- Archiving in Financial Accounting
- Case study: implementation of a fictitious demo company using specific business processes, configuration and mapping of the company structure, master data, and business processes in the SAP system

SAP Certified Application Associate - Management Accounting (CO)

Course Title: Management Accounting (CO)

Duration: 132 Hours

The certification test "Application Associate - Management Accounting (CO) with verifies proven skills and fundamental knowledge in the area of the SAP Management Accounting / Controlling. It proves that the candidate has a good overall understanding within this consultant profile and can implement this knowledge practically in projects under guidance of an experienced consultant. This certificate is the ideal -although not mandatory- prerequisite for the qualification to Management Accounting Application Professional in any of the specialist areas. It is recommended as an entry-level qualification to allow consultants to get acquainted within Management Accounting / CO projects.

Course Content (Details)

- Organization Units and Master Data of Overhead Cost Management (Cost Elements, Cost Centers, Activity Types, Statistical Key Figures, Internal Orders)
- Debiting Cost Centers and Internal Orders
- Validation, Substitution, Reposting, Direct Activity Allocation
- Periodic Postings of Overhead Management (Periodic Reposting, Distribution, Allocation, Settlement, Overhead Rates)
- Planning of Costs, Activities and Prices
- Cost Estimates with and without Quantity Structure
- Scenario of Cost Object Controlling with Preliminary Costing, Simultaneous Costing and Periodic Closing Activities
- Profit Center Master Data and Assigning Master Data (in new general ledger)
- Actual Postings of Profit Centers (in new general ledger)
- Profit Center Planning (in new general ledger)
- Data Structures of Profitability Accounting
- Derivation of Profitability Segments
- Valuation of Value Fields
- Actual Posting in Profitability Analysis
- Planning in Profitability Analysis
- Report Painter
- Drilldown Reporting

SAP Certified Application Associate - Procurement (MM)

Course Code: TSCM52

Duration: 132 Hours

The certification "SAP Certified Application Associate – Procurement" with verifies the knowledge in the area of Procurement for the consultant profile. This certificate proves that the candidate has a basic understanding within this consultant profile and can implement this knowledge practically in projects. The SAP Certified Application Associate can contribute to the success of the planning and implementation phases of the project in a mentored role and would typically have a maximum of three years' experience in the solution area. Project experience should not be prerequisite for a competent and well trained candidate to pass this exam.

Course Content (Details)

- Procurement of stock material, consumable material, and services
- Master data of materials management: material, vendor, purchasing info record, source list, quota arrangement
- Documents and functions of purchasing: purchase requisition, request for quotation/quotation, purchase order, contract, scheduling agreement, source determination, and document release procedure
- Planning procurement proposals using consumption-based planning, especially the procedure of reorder point planning
- Details and customizing settings of logistics invoice verification
- Reports
- Automation options in the external procurement process
- Goods receipts, goods issues, and transfer postings
- Reservations
- Special forms of inventory management
- Preparation and performance of a physical inventory
- Customizing settings for organizational levels, master data, purchasing, inventory management, physical inventory, and account determination
- Integrated case study for implementation of a fictitious demo company using specific business processes: configuration and mapping of the company structure, master data, and business processes in the SAP system

SAP Certified Application Associate – Production – Planning & Manufacturing (PP)

Course Code: TSCM42

Duration: 132 Hours

The certification "SAP Certified Application Associate - Production - Planning & Manufacturing" with verifies the knowledge in the area of Production for the consultant profile. This certificate proves that the candidate has a basic understanding within this consultant profile and can implement this knowledge practically in projects. The SAP Certified Application Associate can contribute to the success of the planning and implementation phases of the project in a mentored role and would typically have a maximum of three years' experience in the solution area. Project experience should not be prerequisite for a competent and well trained candidate to pass this exam.

Course Content (Details)

- Creating and managing master data: material master, BOM, classes, characteristics, documents, overview of variant configuration, work center, routing, production resources, changes with and without history, mass change
- ERP production planning: demand management, planning-based MRP, planning strategies for make-to-stock and make-to-order production, implementing requirements planning, processing of MRP results, additional MRP processes
- Order-controlled production with production orders: Overview of order categories and types, order structure/processing run, order creation/changing orders, interface with planning, order release (status management, availability checks), printing order documents, material staging and withdrawal, process integration (interfaces) and order control, confirmations, goods receipt, order settlement, archiving and deletion, information systems (overview), automation (mass processing, collection orders (multilevel order management))
- Overview of production with process orders, repetitive manufacturing, KANBAN and capacity planning
- Integrated case study: implementation of a fictitious demo company using specific business processes, configuration and mapping of the company structure, master data, and business processes in the SAP system ECC.
- Review and certification preparation

SAP Certified Application Associate – Order Fulfillment (SD)

Course Code: TSCM62

Duration: 132 Hours

The "Sales and Distribution", certification exam verifies that the candidate has the knowledge in the area of Sales Order Management for the consultant profile. This certificate proves that the candidate has a basic understanding within this consultant profile, and can implement this knowledge practically in projects.

Course Content (Details)

- Processes in sales and distribution: organizational structures in sales and distribution, working with customer and material master data, overview of the process chain for sales order processing, introduction to pricing, introduction to the availability check, sales and distribution processing with make-to-order production, credit memo processing and returns processing, introduction to sales and distribution reporting.
- Sales: Creating and processing sales orders, sales document types, item categories, schedule line categories, document flow and copying control, partner determination, contracts and scheduling agreements, special business transactions, incompleteness logs, material determination, material listing/exclusion, product selection, free goods.
- Mini case study in sales.
- Delivery processes: Controlling outbound deliveries, creating and processing deliveries, picking, packaging, goods issue.
- Condition technique for the definition and maintenance of prices, surcharges, and discounts
- Using prices and other conditions in sales documents
- Rebate processing
- Controlling billing documents
- Creation forms and settlement forms for billing documents
- Billing plans and down payments
- Revenue account determination, features of the SD-FI interface
- Message determination / Text determination
- Integrated case study: implementation of a fictitious demo company using specific business processes, configuration and mapping of the company structure, master data, and business processes in the SAP system. Review and certification preparation.

SAP Certified Development Associate ABAP

Course Code: TAW12

Duration: 132 Hours

“The "SAP Certified Development Associate – ABAP” with certification exam verifies the profound knowledge in the area of ABAP Development. This certificate proves that the candidate not only has the pre-requisite understanding of ABAP development but is also able to apply these skills in a practical manner under the supervision of a project lead.

Course Content (Details)

- SAP Portfolio Overview
- Introduction to SAP NetWeaver Application Server – System Core
- Communication and Integration Technologies
- Using the ABAP Workbench
- ABAP programming basics:
 - Flow of an ABAP program
 - ABAP language elements and syntax
- Modularization using subroutines, function modules, and methods
- Complex data objects:
 - Structures
 - Internal tables
 - Data Modeling and Data Retrieval
 - Classic ABAP Report
 - Program Analysis Tools
 - Memory management and program calls
 - ABAP Open SQL
 - Programming User Dialogs with Screens
- Selection screens
- Screens (Dynpros) - Simple screen elements and error handling, subscreens, tabstrip controls
 - ABAP Dictionary
- Data types in the dictionary (data elements, domain, tables, views)
- Performance during table access
- Input checks
- Dictionary Object dependencies
- Changes to Tables
- Search helps
- ABAP Objects:
 - Analysis and UML design
 - Classes and objects
 - Inheritance
 - Interfaces
 - Events
 - Global Classes and Interfaces
 - Exception handling
 - ABAP Object-Oriented examples – ALV and BAdIs
 - Abstract classes, factory methods, singletons
- Shared Objects
- Dynamic programming:
 - Field symbols and data references
 - Runtime Type Services (RTTS)
- Enhancements and modifications:
 - Enhancing Dictionary elements
 - Customer Exits
 - Business Add Ins (BAdIs)
 - Modifications
 - Implicit and Explicit Enhancements
 - Enhancement Framework

- Fundamentals of Web Dynpro for ABAP
 - Architecture
 - Web Dynpro Components, Windows and Views
 - Web Dynpro Controllers
 - Web Dynpro Context
 - Web Dynpro UI Interface
 - Controller and Context programming

SAP Certified Technology Associate – Basis (System Administration)

Course Code: TADM53

Duration: 156 Hours

This certification path will help you ensure that you have the best-trained technologists prepared to help you manage and execute your key business processes. Armed with an understanding of SAP system administration, your technology consultants can implement this knowledge for your projects.

Course Content (Details)

- The Big Picture:
 - Outlining the SAP portfolio
 - Explaining the key capabilities of SAP NetWeaver
 - Describing SAP's Release Strategy
- Navigation:
 - Navigating in SAP Systems
 - Performing Advanced Navigation in the SAP GUI
 - Applying help options and personalize user interface
- The System Core
 - Analyzing SAP NetWeaver AS system architecture
 - Explaining AS ABAP Request Processing
 - Explaining AS ABAP Transactional Processing
 - Explaining AS Java Processes for 7.30 EHP1
- SAP Start and Stop Procedure
 - Describing the Process of the Start Procedure of an SAP system
 - Describing the General Start Process for an SAP NetWeaver AS ABAP
 - Starting and Stopping SAP Systems
 - Analyzing the AS ABAP Logs at a failed system start
 - Scheduling downtimes
- Starting and Stopping an SAP NetWeaver AS Java
- Evaluating Tools for Starting and Stopping
- Operating Java Startup and Control Framework
- Analyzing Logs of Start and Stop Process of SAP NetWeaver AS Java
- SAP System Configuration – AS ABAP
 - Analyzing System Profile Parameters
 - Setting up Profile Parameters
 - Configuring Operation Modes
- Basic Configuration – AS JAVA
 - Listing Administration Tools
 - Maintaining Basic Configuration of AS Java with the Config Tool
 - Configuring AS Java with SAP NetWeaver Administrator
 - Maintaining Properties of the Central Services
- Software Development in SAP Systems
 - Outlining the Data Structure of an SAP ABAP System
 - Outlining Software Logistics in ABAP environment
 - Describing the most important ABAP Workbench tools
 - Implementing an ABAP program

- Outlining SAP NetWeaver Development Infrastructure
- Technology Components for Browser-Based User Dialogs
 - Describing Internet Scenarios with SAP Systems
 - Configuring the Internet Communication Manager (ICM)
 - Using the Internet Communication Framework (ICF)
 - Using the SAP Web Dispatcher
- Fundamentals of User Administration – AS ABAP
 - Creating Users and User Groups
 - Maintaining Authorization Roles
 - Maintaining Login Parameters and User Info
 - Describing Advanced User Administration Topics
- User and Authorization Administration – ASA JAVA
 - Configuring the User Management Engine (UME)
 - Maintaining Users and Groups
 - Managing Java Authorization
 - Administrating Special Principles
 - Configuring Logon Procedure of the AS Java
- Communication and Integration Technologies
 - Remote Function Calls and BAPIs
 - Linking Cross-System Business Processes
 - Describing the Basics of Web Services
 - RFC Connections
 - Demonstrating the Fundamentals and Variants for Using RFC
 - Setting up Remote Connections
- System Monitoring and Troubleshooting
 - Explaining the Monitoring Architecture
 - Monitoring SAP Systems
 - Monitoring Using the SAP Solution Manager
- Utilizing Traces and Protocols
- Developing a Troubleshooting Procedure
- Monitoring - AS Java
 - Connecting to a Central Monitoring System
 - Configuring Availability Monitoring
 - Operating Log Viewer and Performing Log Configuration
 - Performing Monitoring Using SAP Solution Manager
- Software Lifecycle Management
 - Outlining Application Lifecycle Management
 - Implementing and Installing SAP Systems
 - Maintaining SAP Systems
- Software logistics:
 - Overview of software logistics, configuration of the Transport Management System, performing transports, tools for client copy, OCS Support Packages and SAP Notes
- Installation of an SAP ECC system:
 - Preparing and performing a Windows 2003- and MaxDB-based SAP system installation, post-installation tasks
- Other topics:
 - Fundamentals of printing in SAP systems
 - Configuration of SMTP mail
 - Background processing in SAP systems
 - Connecting SAP systems to a directory server, using LDAP and configuration of central user administration
 - Patching SAP systems (ABAP/Java)
 - Configuring documentation access