# Medyasoft Global

# SAP Training & Workshop Catalog

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## Introduction

Based on many years of experience with SAP trainings and workshops, the Medyasoft Global SAP Education organization has developed a continuous learning framework with clearly-defined steps and training activities.

- Prepare project teams and key users
- Empower your people for change
- Adopt and train end-users
- Measure progress and remediate problems
- Sustain adoption and optimize performance

# 1. Applications

## 1.1. SAP Enterprise Resource Planning

### 1.1.1. Financial Accounting (10 Days Intermediate & 20 Days Advanced)

Become familiar with the basic concepts of General Ledger Accounting, Accounts Receivable, Accounts Payable. Manage master data and configure Asset Accounting.

Content:

- Basic of Customizing for Financial Accounting:

    o Organizational units

    o Master data

    o Document control

    o Postings

- Handling of payments, dunning, correspondence and closing operations in Financial Accounting:

    o Automatic Payment Processing with clearing of open items

    o Automatic Dunning Processing for creating dunning notices

    o Correspondence

    o Overview of month and year-end accounting processes in Financial Accounting

    o Balance sheet and profit and loss statement

- o Preparatory closing postings in sub ledgers and the general ledger

- o Technical organizational and documentary steps in individual closing

- o Financial Closing Cockpit

- o Configuration of periodic closing in Financial Accounting

- Organizational structures, master data, and business processes in Asset Accounting:

  - o Chart of depreciation, depreciation area, asset classes, master data, asset transactions, valuation, periodic processing, information system

- Reporting in Financial Accounting

  - o Information system 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

- Asset Accounting (New)

- Archiving in Financial Accounting

### 1.1.2. Controlling (10 Days Intermediate & 20 Days Advanced)

This course provides you with an overview of the design and structure of profit center accounting and profitability analysis. You will learn to configure operating concerns and the value flows to profitability analysis. You will execute planning tools in profitability analysis and actual quantity and value flows to profitability analysis and profit center accounting. To analyze the data, you will learn to create report painter reports and drill down reports.
You will also configure and execute cost object controlling with an example of controlling in a make to order environment with valuated sales order stock and you will perform a period end closing with focus on results analysis and settlement.

Content:

- Organization Units and Master Data of Overhead Management (Cost Elements, Cost Centers, Activity Types, statistical Key Figures, Internal Orders)

- Debiting Cost Centers and Internal Orders

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- Validation, Substitution, Direct Activity Allocation

- periodic Postings of Overhead Management (Periodic Reposting, Cost Allocation, Settlement, Overhead Surcharges)

- Planning of Cost, Activities and Prices

- Cost Estimate without Material

- Cost Estimates with Material

- Cost Object Controlling in a make to stock scenario with Preliminary Costing, Simultaneous Costing and Period end Closing Activities

- Cost Object Controlling in a make to order scenario and valuated sales order stock

- Data Structures of Profitability Accounting

- Derivation of Profitability Segments

- Valuation of Value Fields

- Actual Posting in Profitability Analysis

- Planning in Profitability Analysis

- Profit Center Master Data and Assignment (in new general ledger)

- Actual Postings of Profit Centers (in new general ledger)

- Profit Center Planning (in new general ledger)

- Report Painter

- Drilldown Reporting

### 1.1.3. Material Management (10 Days Intermediate & 20 Days Advanced)

This course has been designed for entry-level procurement consultants who intend to pursue an SAP Associate Certification in SAP ERP Procurement. This course is the first of two courses which cover the most critical procurement and inventory management functions, and configuration requirements you'll need to know for implementing the SAP MM module. Through lectures and numerous exercises you will receive extensive practice working through many business transactions leading to increased confidence in being able to apply what you have learned, in subsequent projects.

Content:

- Procurement Processes

- Master Data

- Stock Material Procurement

- Consumable Material Procurement

- External Services Procurement

- Reporting and Analytics

- Consumption-Based Planning

- The Planning Run

- Sources of Supply and Conditions

- Source Determination

- Optimized Purchasing

- Document Release Procedure

- Specific Procurement Processes

- Invoice Entry

- Variances and Invoice Blocks

- Subsequent Debit/Credit, Delivery Costs, Credit Memos

- Automated Processes in Invoice Verification

- GR/IR Account Maintenance

- Introduction to Inventory Management

- Goods Receipts (GRs)

- Stock Transfers and Transfer Postings

- Reservations

- Goods Issues (GIs)

- Special Forms of Procurement and Special Stocks

- Physical Inventory

- Analyses in Inventory Management

- Customizing for Inventory Management

- Customizing Organizational Units

- Master Data Configuration

- Valuation and Account Determination

- Special Features of Material Valuation

- Purchasing Document Types

- Purchasing Configuration

### 1.1.4. Sales and Distribution (10 Days Intermediate & 20 Days Advanced)

Execute the main business procedures involved in sales and distribution processing. Implement the main functions and Customizing settings in sales and delivery processing. Implement functions and make Customizing settings in pricing and billing. Use functions and Customizing settings in general sales and distribution processes such as output and text determination.

Content:

- Processes in sales and distribution: organizational structures in sales and distribution, working with customer and material master data in sales and distribution, overview of the process chain for sales order processing, introduction to pricing in sales and distribution, 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, incompletion 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

- Setting up condition tables, access sequences, and condition types as part of pricing

- Using prices and other conditions in sales documents

- Promotions and sales deals

- Rebate processing

- Mini case study in pricing

- Controlling billing documents

- Creation forms and settlement forms for billing documents

- Billing plans and down payments

- Revenue account determination, business area account assignment, 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.

### 1.1.5. Production Planning (10 Days Intermediate & 20 Days Advanced)

Apply and communicate master data in the area of planning and manufacturing
Use and describe applications for production planning. Utilize and describe basic functions for managing production orders (PP-SFC), repetitive manufacturing (PP-REM), process orders (PP-PI), KANBAN (PP-KAN), and capacity requirements planning (PP-CRP) as further options in production management.

Content:

- 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

- The first part of the Planning/Manufacturing academy consists of following products:

  o SAP Navigation

  o SAP ERP: Introduction

o  Basic Data for Manufacturing and Product Mgmt.

o  Production Planning ERP

- 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.

- The second part of the Planning/Manufacturing academy consists of following products:

o  Introduction to SAP Solution Manager

o  Manufacturing Overview

o  Production Orders

o  Additional material (parts of SCM365 Capacity Evaluation & Leveling in ECC)

### 1.1.6. Quality Management (10 Days)

This course introduces you to the key business processes within the SAP S/4HANA Quality Management application. Through instructor lectures and demonstrations balanced with extensive system exercises you will gain a thorough understanding of how SAP S/4HANA Quality Management can support the logistics supply chain within your organization.

Content:

- Navigation

o  Logon and Screen Design

o  Calling Functions

- o Getting Help
- o Personalizing the User Interface
- Basics
  - o Overview of Processes and Available Solutions
  - o Quality Management as Part of the SAP Solution
  - o Portfolio
- Overview of QM in the Logistics Supply Chain
  - o QM in Company Processes
  - o QM Processes in the Logistics Supply Chain
- Quality Management in Procurement
- Quality Management in Production
- Quality Management in Sales and Distribution and Service
- Quality Planning
  - o Logistics Master Data in Quality Planning
  - o Inspection Planning and QM Basic Data
  - o Overview of Failure Mode and Effects Analysis and Control Plan
- Quality Inspection
  - o The Inspection Lot
  - o Inspection Lot Creation
  - o Inspection and Inspection Lot Completion
  - o Sample Management
- Quality Certificates
  - o Certificate Receipt and Certificate Issue
- Quality Notifications
  - o General Notification Processing
  - o Quality Notifications in the Logistics Supply Chain
- Quality Control

- Dynamic Modification and Statistical Process
    - Control
    - Quality Scores and Costs
    - Evaluations in Quality Management
- Test Equipment Management
- Stability Study
    - Stability Study Process Flow
    - Objects in the Stability Study
- Audit Management
- Implementing QM
    - Planning and Project Preparation
    - Business Blueprint
    - Realization and Start of Productive Use

### 1.1.7.Plant and Maintenance (10 Days)

This course introduces the central business processes in Enterprise Asset Management as well as the most important integration aspects with other SAP applications.

Furthermore the course includes an overview of the topics user interfaces and user experience - showing different client types and UI technologies.

Content:

- Overview of solutions & deployment
- UI & UX
- Organizational Units
- Technical Objects
- Maintenance Processing - Overview
- Corrective Maintenance SAP GUI
- Corrective Maintenance Web

- Further Planning Functions (External services, 3D Visual Enterprise, etc.)

- Refurbishing of Spare Parts

- Preventive Maintenance

- Project-oriented Maintenance

- Mobile Maintenance

- Reporting and Analytics

### 1.1.8. Human Capital Management (10 Days Intermediate & 20 Days Advanced)

This course will prepare you to obtain the knowledge required to SAP HCM module.

Content:

- Organizational structures in SAP HCM

- Maintaining employee data

- Personnel development overview

- Maintaining features

- Remuneration structures & reports

- Infotypes

- Personnel Actions

- Time Recording

- Work schedules

- Attendance and absence quotas

- Cross-Application time sheets (CATS)

- Configuring time data recording
  - Payroll overview
    - o Payroll data and payroll elements
    - o Payroll reports
    - o Post-payroll results

- Manager self-services

- Logical databases and infosets

- Ad Hoc query & SAP query

- Payroll and time management infotypes

- Analytical reporting for HCM

- Organizational Management (OM) concepts

  o Organization and staffing framework

  o Expert mode in OM

  o Simple maintenance in OM

  o General structures and matrix organizations

  o Integration in OM

  o Self-Services in OM

  o Data model enhancements in OM

  o Hierarchy framework in OM

- Authorizations in SAP HCM

### 1.1.9. Extended Warehouse Management (10 Days Intermediate & 20 Days Advanced)

SAP EWM offers flexible, automated support for processing various goods movements and for managing stocks in simple to complex warehouses. It supports planning and efficient processing of all logistics processes in customer warehouses. This course will give you a solid fundamental and comprehensive overview of SAP Extended Warehouse Management.

Content:

- Warehousing Structures and Master Data

  o Differentiating the SAP Solutions for Warehouse Management

  o Outlining Organizational Structures

  o Maintaining Master Data for SAP EWM

- Basic Processes in SAP EWM
    - Processing Goods Received
    - Processing Goods for Shipping
- Warehouse Monitoring and Processing with Mobile Devices
    - Managing the Warehouse
    - Outlining the Radio Frequency (RF) Framework
- Additional Functions in SAP EWM
    - Applying Storage Control
    - Employing Serial Numbers
    - Processing Batches
    - Mapping Quality Inspection Processes
    - Applying Value-Added Services
- Warehouse Organization
    - Performing Slotting
    - Applying Replenishment Methods
    - Performing a Physical Inventory
- Optimization of Resources
    - Applying Wave Management
    - Applying Labor Management
    - Executing the Production Supply Process
    - Executing Expected Goods Receipts Processes
    - Applying Cross Docking
- Warehouse Extensions
    - Planning the Shipping and Receiving of Products
    - Controlling the Material Flow System (MFS)
- SAP Best Practices
    - Accelerating Implementation Processes

- Combined Inbound and Outbound Processes
    - Executing an End-to-End Process with SAP EWM

## 1.2. SAP Customer Relationship Management and Commerce (Customer Experience)

### 1.2.1. C/4HANA Commerce (Hybris) - (10 Days Intermediate & 20 Days Advanced)

In this course, participants will learn about SAP Hybris Commerce features and concepts from a functional and from a basic technical perspective to get an all-round view of the software and its advantages. The course is aimed at people involved in requirements gathering and functional solution design.

Content:

- Course Introduction
    - Guided path to installing and configuring a local instance of SAP Hybris Commerce Suite
    - List of backoffice and storefront links used within course
    - Overview of personas used within the course
- User Interfaces
    - Introduction to the SAP Hybris Commerce Accelerator concept
    - Key features and technology behind the SAP Hybris Commerce Accelerators
    - Mobile Module
    - Introduction to the Business and Administration tools provided by SAP Hybris Commerce
- Content Management
    - Product Content Management
    - Catalog Management
    - Product modelling (classifications and variants)
    - Media Management

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- Business process engine
- Workflow and Collaboration
- Customer Experience (Web Content Management)
- yForms

- Commerce Management
  - Search
  - Cart Features and Checkout Types
  - Payment
  - Promotions and Coupons
  - Bundling
  - Subscriptions and Entitlements
  - B2B specific functionality

- Order Management
  - Cart & Checkout
  - Order Management Module
  - Customer Support Module
  - Assisted Service Module

- Integrations
  - Data Integration Overview / Data Modeling
  - Integration Tools (ImpEx, Data Hub, Hot folders, OCC, CIS)
  - Integration Scenarios with other SAP Solutions (Functional Overview) – Backend Integration, Product Configuration, SAP CAR, SAP Hybris Marketing, SAP JAM Communities, SAP Hybris Profile, SAP C4C

- Technical Basics
  - SAP Hybris Commerce architecture from a business perspective (modules, extensions, addons)
  - A typical system architecture based on SAP Hybris Commerce Suite
  - Process automation and Cronjobs

- o Internationalization
- o Security and user management
- o Data Validation
- o Rule Engine
- o Reporting

### 1.2.2. C/4HANA Marketing (Hybris) - (10 Days)

This course is designed to give an in-depth understanding of the functional capabilities of the SAP Hybris Marketing. The main focus of the course is to showcase the frontend functionalities, however it also covers the underlying processes and technical concepts on a high level. The course equips participants with knowledge of the important customizing options that can be performed in the SAP Implementation Guide (IMG) as well as the integration of SAP Hybris Marketing with other SAP and third party systems.

Content:

- Marketing Data Management
    - o Data Collection
    - o Contact and Corporate Fact Sheet
    - o Contact Engagement
    - o Sentiment Engagement
    - o Customer Journey Insight
    - o Simple Scores
    - o Importing Files
    - o Data Privacy
- Predictive Model Management
    - o Predictive Models and Predictive Scenarios
    - o How to Choose the best Model Fit
    - o Creating a new Heuristic and Predictive Model
    - o Architecture
- Segmentation

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- o Using the Segmentation Builder

- o Working with Building Blocks

- o Creating a new Segmentation Model

- o Leveraging Geospatial Maps and Reference Objects to create Segmentation Models

- o Technical Background and Customizing Options

- Target Groups

  - o Target Group Categories, Statuses and available Actions for Target Groups

  - o Target Groups and Control Groups

  - o How to create a new (Live) Target Group

- Recommendation

  - o Product Recommendations

  - o Recommendation Models, Algorithms, Recommendation Model Types and Recommendation Scenarios

  - o Offer Recommendations

  - o Integration Scenarios with SAP Hybris Commerce

- Acquisition – Campaign Management

  - o Campaign Types, Statuses and Actions

  - o Email and SMS Campaigns

  - o Creating Personalized Campaign Content

  - o Automated A/B Testing

  - o Export Definitions and File Export

  - o Facebook Campaigns

  - o Paid Search Campaigns

  - o Lead Management

  - o CRM Campaigns

  - o Cloud for Customer Campaigns

- Newsletters and Landing Pages
- Communication Categories

- Convert
  - Track and detect cart and website abandoners
  - Add personal information to follow-up Email campaigns
  - Categorize a customer's interests and score his behavior and intent to purchase
  - User Interfaces: ATProGui, Conversion Dashboard, Support Tool

- Loyalty
  - Setup-tasks within the YaaS platform
  - Define Scopes and Roles
  - Configure a Loyalty project in YaaS
  - Create and manage Email, Card and Coupon templates
  - Define rules for a Loyalty program
  - Manage Loyalty program members
  - Analyze the success of a Loyalty program
  - SAP Hybris Marketing Integration
  - SAP Hybris Commerce Integration

- Insight
  - Insight for Sales
  - Insight for Marketing
  - Using the Marketing Executive Dashboard
  - Installing and Importing Data into the Marketing Executive Dashboard

- Planning
  - Budget Planning, Spend Planning and Spend Management
  - Create transparent marketing plans in the Marketing Calendar
  - Key customizing options

- Business Administration

  - Manage User Lists, Interaction Interests and Marketing Attribute Categories

  - Map Free Text Items

  - Creating Customer Journey Events

  - Analyzing Integration Errors and Application Logs

- Technical Basics

  - Architecture of the SAP Hybris Marketing solution

  - System Landscape Considerations

  - Deployment Options

  - Installation and System Configuration

  - Rapid Deployment Solutions

- Integration

  - Inbound and Outbound Interfaces

  - Integration to SAP and non-SAP solutions

### 1.2.3. C/4HANA Sales (10 Days)

In this course you will learn how to implement SAP C/4HANA Sales. This will include a configuration of sales processes, including topics such as business process configuration, lead management, order and opportunity management, sales methodology, and more.

- Introduction to SAP Hybris Cloud for Sales

- Lead Management

- Opportunity Management

- Quotation Management

- Order Management

- Activity Management

- Visit Planning and Execution

- Partner Channel Management

- Sales Planning and Forecasting

- Pricing

- Account 360 & Sales Intelligence

### 1.2.4. C/4HANA Service (10 Days)

In this course you will learn how to implement SAP C/4HANA Cloud. This will include configuration of service processes, including topics such as business process configuration, warranty management, registered products, and service levels.

- Introduction to SAP Hybris Service Cloud

    o Describing the Functional Capabilities of SAP Hybris Service Cloud

- Communication Channels

    o Explaining the Different Communication Channels that are Supported in SAP Hybris Service Cloud

- Service Levels, Categories and Work Distribution

    o Explaining Service Levels, Categories and Work Distributions

- Knowledge Base

    o Understanding Knowledge Base Functionality in Service Tickets

- Registered Products and Installed Base

    o Explaining Registered Products and Installed Bases

- Warranty Management

    o Explaining Warranty Management in Tickets

- Maintenance Plans

    o Explaining Maintenance Plans in Tickets

- Resource Scheduling and Time Recording

    o Explaining the Role of Resource Scheduler and Time Recording in Tickets

- Contracts

    o Understanding Service Contracts in SAP Hybris Service Cloud

- Templates and Reporting

o   Explaining Response Templates and Their Determination in Tickets

- Case Management

    o   Understanding Case Management in SAP Hybris Service Cloud

- SAP Enterprise Resource Planning (ERP) Integration

    o   Explaining SAP Hybris Cloud for Customer Work Ticket Integration with SAP ERP

- SAP Hybris Service Cloud – SAP Hybris Commerce Cloud

    o   Explaining the Integration Capabilities of SAP Hybris Commerce Cloud with SAP Hybris Service Cloud

### 1.3. SAP S/4HANA Training: TERP 10 (12 Days Intermediate & 24 Days Advanced)

Learn and experience new intelligent enterprise suite of SAP: S/4HANA.

Content:

- SAP S/4HANA Enterprise Management: Overview

- New User Experience: SAP Fiori UX

- SAP S/4HANA Basics

- Financial Accounting and Management Accounting: Overview

- Financial Accounting and Management Accounting: Basics

- Human Capital Management

- Purchase to Pay Processing in SAP S/4HANA

- Plan to Produce Business Process in SAP S/4HANA

- Warehouse Management - Stock Transfer

- Order to Cash Processing in SAP S/4HANA

- Project System

- SAP Enterprise Asset Management (EAM)

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## 2. Analytics

### 2.1. SAP BusinessObjects (10 Days)

SAP BI is an important big picture class focusing on SAP's strategic reporting tools. This course will provide a hands on overview of SAP's flagship reporting, analysis and predictive tools. The course will provide an overview of each tool with a focus on important features, target users and use cases. SAPBI will also provide an overview of the SAP BI Platform and sources of SAP data for these tools including SAP HANA and SAP BW providing a great foundation for future learning and deployment of the critical tools for Business Intelligence from SAP.

Content

- Overview of SAP BusinessObjects Business Intelligence (BI) 4.2

- Data Sources for BusinessObjects BI 4.2 Reporting Tools

- SAP Business Objects Design Studio

- SAP BusinessObjects Analysis, Edition for Microsoft Office

- SAP BusinessObjects Analysis, Edition for Microsoft PowerPoint

- SAP BusinessObjects Web Intelligence

- SAP Crystal Reports

- SAP Lumira

- SAP Predictive Analytics 2.0

- BI Platform Features - Reporting with Mobile Devices

- BI Platform Features - Scheduling and Report Distribution

### 2.2. SAP Analytics Cloud (10 Days)

This course is an overview of every area of SAC with hands-on exercises in most. The major focus is the BI functionality and building and navigating in stories with an additional focus on Digital Boardroom. Although these areas would be considered the core of the class, the course addresses all the areas of SAC including Planning, user management and roles, as well as sourcing and wrangling data with hands- on exercises in each of these areas. Also coved is our new distribution/information

delivery platform called SAP Analytics Hub which is tightly integrated in to SAP Analytics Cloud.

Additionally, the course offers hands-on exercises which show case the integration of Data Science concepts into SAC: Smart Assist and Smart Discovery. Although the above completes the hands-on exercises, we round out the class with a discussion of the delivered content and how to access it to kickstart your project.

After taking this class you will clearly see why it is the major focus area within SAP Analytics.

Content:

- Overview and Positioning

- Visualizations and Stories

- Data Connectivity

- Basic Modelling and Data Wrangling (Imported Data)

- Digital Board Room

- Introduction to SAP Analytics Cloud Planning

- Users and Security and Administration

- Predictive Features in SAP Analytics Cloud

- SAP Analytics Hub

- Industry Content and Planned Innovations

### 2.3. SAP Business Warehouse (10 Days)

- **SAP BW (10 Days)**

Participants will gain SAP Netweaver Business Warehouse knowledge necessary for successful implementation and administration within a heterogeneous SAP NetWeaver BW system landscape The knowledge you will acquire will form the basis for more advanced courses in the BW curriculum.

Content:

- Data Warehousing

- Master Data Modeling in SAP BW

- The Loading of Master Data from SAP Data Sources

- Loading of Transaction Data from SAP DataSources

- Master Data Loading from Flat File Data Sources

- InfoProviders in SAP BW

- Usage of SAP BI Content

- Query Performance Optimization

- The SAP BW Administration

- **SAP BW/4HANA (10 Days)**

This course enables experienced SAP BW users, modelers as well as administrators to run and work with SAP BW/4HANA. The course is focusing on how to convert an existing SAP BW architecture and leverage new data models and functions provided by SAP BW/4HANA.

Content

- Getting started

- Migration to SAP BW/4HANA

- SAP HANA Modeling

- Optimization Areas in SAP BW/4HANA

- Modeling with SAP´s Reference Architecture LSA++

- Hybrid Modeling in Mixed Scenarios

- BW/4HANA Data Management

- Data Provisioning into SAP HANA and SAP BW/4HANA

- References

## 2.4. SAP Business Planning and Consolidation (10 Days)

Participants of this class will learn all of the key steps to set up Consolidation based on the SAP Business Planning and Consolidation. You will learn consolidation specific

configuration and how to use the Consolidation Central tool. You will also learn how to use the Data Manager to execute currency translations, and perform eliminations for example. You will be introduced to the EPM add-in for Excel.

Content:

- SAP Business Planning and Consolidation Overview

- Consolidation Structures

- Data Collection and Validation

- Consolidations and Eliminations

- Consolidation Process Monitoring

## 3. Database and Technology

### 3.1. SAP ABAP (10 days)

Participants of this class will learn SAP ABAP software development.

Content

- SAP Portfolio Overview

- Introduction to SAP NetWeaver Application Server – System Core

- Communication and Integration Technologies

- Using the ABAP Workbench

- ABAP programming basics:

- Modularization using subroutines, function modules, and methods

- Complex data objects:

- Selection screens

- Screens (Dynpros) - Simple screen elements and error handling, subscreens, tabstrip controls

- Data types in the dictionary (data elements, domain, tables, views)

- Performance during table access

- Input checks

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- Dictionary Object dependencies

- Changes to Tables

- Search helps

- ABAP Objects:

- Shared Objects

- Dynamic programming:

- Enhancements and modifications:

- Fundamentals of Web Dynpro for ABAP

### 3.2. SAP Fiori (10 Days)

This course provides participants with an overview of Fiori Design Principles, usage, Fiori LPD to cover personalization and end-user feedback, and other topics such as application types (Transactional, Analytical, Factsheet), application categories (Original, Principle, Transactional), and intent-based navigation, and semantic objects. Various architectures will be covered to include SAP Fiori for Business Suite (SAPUI5, SAP Gateway, ABAP), SAP Fiori for Suite on HANA (SAPUI5, Enterprise Search, HANA XS Engine), SAP Fiori for S/4HANA (SAPUI5 and CDS Views), and SAP Fiori Mobile (Fiori Client, SMP, iOS).

- End-User Perspective
    - Explore the Design of SAP Fiori
    - Explore the SAP Fiori Launchpad
    - Explore SAP Fiori Data Handling
    - Personalize SAP Fiori

- Technology
    - Explain User Interfaces
    - Explain Data Services
    - Explain Application Types

- Architecture
    - Examine SAP Fiori for Suite on Any DB
    - Examine SAP Fiori for Suite on HANA
    - Examine SAP Fiori for S/4HANA

- - Examine SAP Fiori Mobile
- Mobility
  - Examine SAP Fiori Mobile
  - Examine SAP Fiori for iOS
- Configuration
  - Create SAP Fiori Groups
  - Reference SAP Fiori Catalogs
  - Create SAP Fiori Catalogs
  - Create LPD_CUST Target Mappings
  - Create SAPUI5 Fiori Target Mappings
  - Create Web Dynpro Target Mappings
  - Create Transaction Target Mappings
  - Configure Analytical Applications
- Adaptation
  - Use the UI Theme Designer
  - Use SAP Screen Personas
  - Adapt SAP Fiori Apps at Runtime
  - Extend SAP Fiori
- Integration
  - Integrate SAP Workflow
  - Operate SAP Fiori Standalone

### 3.3. SAP BASIS (10 Days)

This course enables all basics for SAP system infrastructure, BASIS.

Content

- Introduction to SAP Product Family
- Landscape Overview
- Transport Management System
- User Management and Monitoring

- User Authorization

- Spool Management

- Monitoring

- Solution Manager Overview

- Backup and Restore

- Maintenance and Parametrization

- Homogeous Copy, Client Copy Overview

- Start / Stop

- Database Management

- License Management

- Documentation: How to Find What You Need

- Performance Management

- Troubleshooting

- Security Overview

- Data Management & Archiving Overview

- Installation and Upgrade

- Disaster Recovery in SAP Environment

- HANA Introduction and HANA Console

### 3.4. SAP HANA Database (5 Days)

This course covers all key capabilities of SAP HANA database system administration at a detailed level. Through the lectures and exercises you will learn how to install, update and operate a SAP HANA 2.0 SPS03 database using SAP HANA Cockpit 2.0. The course covers the most important database administration tasks of a SAP HANA system administrator. During the course, you will learn details about starting and stopping, changing the configuration parameters, monitoring the database, backup and recovery and troubleshoot of a multitenant SAP HANA 2.0 SPS03 database system.

Content:

- This course is the best starting point to learn about SAP HANA installation, update, configuration and system administration.

- The course is independent from the SAP NetWeaver administration world, as it teaches how to perform system administration on the SAP HANA platform. The system administration tools used are native to the SAP HANA platform.

- Throughout the course, you will learn about the following SAP HANA too for installation, update, configuration and system administration.

  - SAP HANA database lifecycle manager (HDBLCM)

  - SAP HANA cockpit 2.0

  - SAP HANA studio

  - SAP HANA HDBSQL command line

- You will be able to perform all the required daily system administration tasks on the SAP HANA database platform.

  - SAP HANA introduction

  - Installation sizing and OS preparations

  - SAP HANA installation and upgrade/conversion to a multitenant database

  - SAP HANA architecture and deployment options

  - SAP HANA cockpit 2.0 installation, configuration and upgrade

  - SAP HANA Administration tools

  - Post installation steps

  - Database administration tasks using SAP HANA cockpit 2.0

  - Backup and recovery using SAP HANA cockpit 2.0

  - SAP HANA Security

  - User and authorizations

### 3.5. SAP Process Integration (10 Days)

The participants will learn to configure scenarios, understand and configure the different options with which a back-end system can be connected to the SAP Process Integration.

Content:

- SAP Process Integration Architecture

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- The System Landscape Directory (SLD) Maintaining Products and Software Components in the System

- Interface Objects in the Enterprise Service Repository (ESR)

- Object Mapping in the Enterprise Service Repository (ESR)

- Configuration of Integration Directory Communication Objects

- Configuration of Integration Directory Objects for ABAP Processing

- Configuration of Integration Directory Objects for Java Processing

- Operations of SAP Process Integration

- Connectivity Options for SAP Process Integration

- HTTP Connectivity Options

- File Adapter Configuration

- Intermediate Document (IDoc) Connectivity Options

- Configuration of SAP Business Application Programming Interfaces (BAPIs) Connectivity

- Enterprise Services and B2B Connectivity

- Cross-Component Business Process Management (ccBPM) Integration Processes

# 4. Pricing

### 4.1. Dubai, UAE

- **Including Training Room**

In this option, Medyasoft organize the training room. **Relax and learn.**

Training per Day Price is: 1.250 USD

- **Excluding Training Room**

In this option, your training & meeting room will be used. **No logistic issues.**

Training per Day Price is: 950 USD

### 4.2. London, UK

- **Including Training Room**

In this option, Medyasoft organize the training room. **Relax and learn.**

Training per Day Price is: 950 GBP

- **Excluding Training Room**

In this option, your training & meeting room will be used. **No logistic issues.**

Training per Day Price is: 700 GBP

### 4.3. Istanbul, Turkey

Enjoy one of the most beautiful and historical city and learn SAP from the professional trainers. Trainings are in the Medyasoft training rooms, Istanbul. **Yes, education tourism!**

Training per Day Price is: 750 USD

### 4.4. General Conditions

- Prices does not include travel and accommodation expenses.
- Training classes are only for you, not an open classes. maximum number of participants: 8
    - Training per day price is fix and does not change according to participants number.
- Training content could be discussed according to your audience, goals and requirement