



# Academia (BASIS) TADM10 TADM12

SAP BASIS es la forma "clásica" de referenciarse a la Administración de la plataforma operativa del sistema. Esta plataforma es llamada actualmente plataforma SAP NETWEAVER. Los administradores son responsables de la Administración de la plataforma operativa SAP Netweaver, para que la misma funcione correctamente y de una manera óptima siempre.

Son los responsables de la integridad del sistema, debiendo instalar, mantener y actualizar el sistema incluyendo tareas como backup de los datos para respaldar la información de todo el modelo empresarial implementado.

**TADM10**  
**Technical Impl. and Operation I for SAP S/4HANA**  
**and SAP Business Suite - Week 1**

**Unit 1: SAP Systems**

Lesson: Describing the Setup of SAP Systems

**Unit 2: Navigation**

Lesson: Describing SAP GUI and SAP LOGON

Exercise 1: Logon and Screen Design

Lesson: Describing SAP GUI Functions, Help, and Personalization

Exercise 2: Calling Functions

Lesson: Describing Navigation using a Browser

Exercise 3: Navigating with a Browser

Lesson: Describing SAP Business Client

Lesson: Appendix: Describing the SAP Enterprise Portal

**Unit 3: The SAP System Kernel**

Lesson: Explaining the Basic Architecture of SAP NetWeaver AS

Exercise 4: Structure of an Application Server

Lesson: Describing AS ABAP

Exercise 5: Dialog Processing

Exercise 6: Lock Management

Exercise 7: Manage Update Processing

Exercise 8: Print a Simple List

Exercise 9: Schedule Background Processing

Lesson: Describing AS Java

Exercise 10: Manage Locks

**Unit 4: Software Development in SAP Systems**

Lesson: Describing the Data Structure of an SAP System and Software Logistics

Lesson: Accessing and Editing ABAP Repository Objects

Exercise 11: Access and Edit ABAP Repository Objects

Lesson: Importing Transport Requests

Exercise 12: Handling Transport Requests

Lesson: Appendix: Explaining SAP NetWeaver Development Infrastructure (NWDI)

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# COURSE DESCRIPTION

## Unit 5: Users and Authorizations in AS ABAP

Lesson: Creating, Copying, and Maintaining User Master Records

Exercise 13: Create a User Master Record

Lesson: Maintaining User Authorizations with Roles and Profiles

Exercise 14: Define a User's Authorizations Using Roles

Lesson: Defining Login Parameters and Using the User Information System

Lesson: Appendix - Describing Advanced User Administration Tasks

## Unit 6: Users and Authorizations in AS Java

Lesson: Structure and Configuration of the User Management Engine (UME)

Exercise 15: User Management Engine

Lesson: User and Group Administration

Exercise 16: User and Group Administration

Lesson: The Java Authorization Concept

Exercise 17: Create and Assign UME Roles and UME Groups

Lesson: Special Principles

Exercise 18: Default Principles

Lesson: Logon Procedure of the AS Java

## Unit 7: Communication and Integration Technologies

Lesson: Describing Remote Function Calls and BAPIs

Exercise 19: Remote Function Calls and BAPIs

Lesson: Explaining Cross-System Business Processes

Lesson: Describing SAP Gateway

Exercise 20: Test an SAP Gateway Service

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# COURSE DESCRIPTION

## Unit 8: SAP Fiori Foundation

- Lesson: Exploring SAP Fiori Design
  - Exercise 21: Explore SAP Fiori Cloud Demo
- Lesson: Exploring SAP Fiori Launchpad
  - Exercise 22: Operate SAP Fiori Launchpad
- Lesson: Personalizing SAP Fiori
  - Exercise 23: Personalize the SAP Fiori Launchpad
- Lesson: Explaining Application Types
  - Exercise 24: Operate SAP Fiori Apps Reference Library
- Lesson: Examining SAP Fiori for S/4HANA
  - Exercise 25: Test CDS Views
- Lesson: Appendix: Referencing SAP Fiori Catalogs
  - Exercise 26: Reference Fiori Catalogs
- Lesson: Appendix: Creating SAP Fiori Catalogs
  - Exercise 27: Create SAP Fiori Catalogs

## Unit 9: System Monitoring and Troubleshooting

- Lesson: Using the Monitoring Architecture of the Computing Center Management System
  - Exercise 28: Monitor the System with CCMS Tools
- Lesson: Explaining the Concept of Monitoring Tools in SAP Solution Manager
- Lesson: Tracing and Logging in the SAP System
  - Exercise 29: Optional - Troubleshoot a Problem in the System by Activating a Trace
- Lesson: Troubleshooting Procedures

## Unit 10: SAP Portfolio Overview

- Lesson: Explaining the Role of SAP NetWeaver
- Lesson: Describing the SAP Software Portfolio
- Lesson: Describing the SAP Release Strategy
  - Exercise 30: Explore the SAP Release Strategy

## Unit 11: SAP Support Portal and SAP Community

- Lesson: Describing SAP Support Portal
  - Exercise 31: Use the SAP Support Portal
- Lesson: Describing the SAP Community
  - Exercise 32: Using the SAP Community

**TADM10**  
**Technical Impl. and Operation I for SAP S/4HANA**  
**and SAP Business Suite - Week 2****Unit 8: SAP Fiori Foundation**

Lesson: Exploring SAP Fiori Design  
Exercise 21: Explore SAP Fiori Cloud Demo

Lesson: Exploring SAP Fiori Launchpad  
Exercise 22: Operate SAP Fiori Launchpad

Lesson: Personalizing SAP Fiori  
Exercise 23: Personalize the SAP Fiori Launchpad

Lesson: Explaining Application Types  
Exercise 24: Operate SAP Fiori Apps Reference Library

Lesson: Examining SAP Fiori for S/4HANA  
Exercise 25: Test CDS Views

Lesson: Appendix: Referencing SAP Fiori Catalogs  
Exercise 26: Reference Fiori Catalogs

Lesson: Appendix: Creating SAP Fiori Catalogs  
Exercise 27: Create SAP Fiori Catalogs

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Lesson: Troubleshooting Procedures

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Lesson: Describing the SAP Community  
Exercise 32: Using the SAP Community

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# COURSE DESCRIPTION

## Unit 5: Technology Components for HTTP-based Communication

Lesson: Describing Scenarios for HTTP-based Communication with SAP Systems

Lesson: Configuring the Internet Communication Manager (ICM)

Exercise 10: Administer the ICM

Lesson: Using the Internet Communication Framework (ICF)

Exercise 11: Administrative Work with the ICF

Lesson: Appendix: Configuring SAP Gateway

Exercise 12: Configure a Connection for SAP Gateway

Lesson: Configuring Routing for SAP Gateway

Exercise 13: Configure Routing for SAP Gateway

Lesson: Describing Web Services in AS ABAP

Exercise 14: Configuring Web Services in AS ABAP

Lesson: Using SAP Web Dispatcher

Exercise 15: Check Prerequisites for SAP Web Dispatcher

Exercise 16: Install SAP Web Dispatcher

Exercise 17: Web Administration Interface

Exercise 18: Enable HTTPS between the Web Browser and SAP Web Dispatcher

Exercise 19: Enable HTTPS Between SAP Web Dispatcher and the Front-End Server

Exercise 20: Use SAP Web Dispatcher

Lesson: Maintaining UI-related Software Components

Exercise 21: Apply a Patch to SAPUI5

Exercise 22: Update Unified Rendering (UR) using TCI

## Unit 6: SAP Fiori System Landscape

Lesson: Configuring RFC Communication

Exercise 23: Configure Trusted RFC

Lesson: Configuring SAP Gateway

Exercise 24: Activate SAP Gateway in FES

Exercise 25: Create System Aliases

Exercise 26: Create Gateway Aliases

Lesson: Configuring HTTPS Communication

Exercise 27: Install SAP Web Dispatcher

Exercise 28: Enable HTTPS between the Web Browser and SAP Web Dispatcher

Exercise 29: Enable HTTPS between SAP Web Dispatcher and the Front-End Server

Lesson: Configuring Single Sign-On

Exercise 30: Enable Single Sign-On via X.509 Certificates

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## COURSE DESCRIPTION

### Unit 7: SAP Fiori Infrastructure (Essential Topics)

- Lesson: Configuring the SAP Fiori Launchpad
  - Exercise 31: Initialize SAP Fiori Launchpad
  - Exercise 32: Launch SAP Fiori Launchpad
  - Exercise 33: Set Host Name of SAP Web Dispatcher
- Lesson: Configuring SAP Fiori Search
  - Exercise 34: Create Routing Rules for SAP Web Dispatcher
  - Exercise 35: Set Up SAP Fiori Search

### Unit 8: SAP Fiori App Implementation

- Lesson: Configuring Transactional Apps
  - Exercise 36: Configure Transactional Apps
  - Exercise 37: Prepare Catalog and Role
- Lesson: Appendix: Configuring Reference Apps
  - Exercise 38: Configure Reference Apps
- Lesson: Configuring Legacy Apps
  - Exercise 39: Configure Back-End Catalogs
  - Exercise 40: Configure SAP Easy Access in the App Finder
- Lesson: Appendix: Configuring Analytical Apps
  - Exercise 41: Configure Embedded Analytics
  - Exercise 42: Configure KPI Design
- Lesson: Appendix: Configuring Fact Sheet Apps
  - Exercise 43: Configure Fact Sheet Apps

### Unit 9: SAP Fiori Infrastructure (Additional Topics)

- Lesson: Configuring User Assistance Settings
  - Exercise 44: Configure User Assistance

### Unit 10: SAP Connect and SMTP

- Lesson: Setting Up Communication with SAPconnect
- Lesson: Setting Up Communication with Simple Mail Transfer Protocol (SMTP)
  - Exercise 45: Send and Receive E-Mails Using SMTP with AS ABAP

**TADM12**  
**Technical Impl. and Operation II for SAP S/4HANA**  
**and SAP Business Suite - Week 1**

**Unit 1: Application Lifecycle Management**

- Lesson: Describing Application Lifecycle Management
  - Exercise 1: Introduction to Application Lifecycle Management
- Lesson: Implementing Business Processes and Installing SAP Systems
  - Exercise 2: Implementing Business Processes and Installing SAP Systems
- Lesson: Describing Business Process Operations
- Lesson: Maintaining SAP systems
  - Exercise 3: Planning Time Slots for Maintenance Work

**Unit 2: Introduction to SAP Software Logistics**

- Lesson: SAP System Landscape
- Lesson: Client Concept
- Lesson: System Change Options and Client Change Options

**Unit 3: Setting Up an SAP System Landscape**

- Lesson: Setting Up the Transport Management System (TMS)
  - Exercise 4: Setting Up the Transport Management System (TMS) (verification)
- Lesson: Extended Transport Control

**Unit 4: Creating and Exporting Transport Requests**

- Lesson: Customizing and Customizing Projects
- Lesson: Transport Requests for Customizing
  - Exercise 5: Transport Requests for Customizing
- Lesson: Customizing Procedure
  - Exercise 6: Customizing Procedure
- Lesson: Transport Requests for Development
  - Exercise 7: Transport Requests for Development
- Lesson: Customer Development
  - Exercise 8: Customer Development
- Lesson: Modifying SAP Objects
  - Exercise 9: Modifying SAP Objects



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## COURSE DESCRIPTION

### Unit 5: Importing Transport Requests

Lesson: The Transport Process  
Lesson: Imports Using TMS  
    Exercise 10: Imports Using TMS  
Lesson: QA Approval Procedure and Transport Proposals  
    Exercise 11: QA Approval Procedure  
    Exercise 12: Transport Proposals  
Lesson: Import Process  
    Exercise 13: Import Process  
Lesson: Monitoring Tools  
    Exercise 14: Monitoring Tools  
Lesson: Cleaning up the Transport Directory

### Unit 6: SAP Note Assistant, SAP Support Packages, SAP Enhancement Packages and SAP System Upgrades

Lesson: SAP Note Assistant  
    Exercise 15: SAP Note Assistant  
Lesson: SAP Support Packages  
    Exercise 16: SAP Support Packages  
Lesson: SAP Enhancement Packages and SAP System Upgrade

### Unit 7: Client Tools

Lesson: Client Copy and Client Transport Tools  
    Exercise 17: Client Copy and Client Transport Tools  
Lesson: Client Compare and Client Maintenance Tools  
    Exercise 18: Client Compare and Maintenance Tools

### Unit 8: Enhanced Change and Transport System (CTS+)

Lesson: Enhanced CTS - The Basic Idea  
Lesson: Configuration of the Change and Transport System for the enhanced CTS  
Lesson: Transport of Non-ABAP Objects  
    Exercise 19: Transporting Non-ABAP Objects with the ABAP Change and Transport System

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**Technical Impl. and Operation II for SAP S/4HANA**  
**and SAP Business Suite - Week 2**

**Unit 1: Output Management**

- Lesson: Configuring Printers in SAP Systems
  - Exercise 1: Check the Print Environment
  - Exercise 2: Create an Output Device using Host Spool Access
    - Method Local
  - Exercise 3: Create an Output Device using Host Spool Access
    - Method Remote
  - Exercise 4: Create an Output Device for Front-End Printing with SAP GUI for Windows
  - Exercise 5: Activate Unicode Printing Enhancement for your Output Device
- Lesson: Setting Up Logical Spool Servers
  - Exercise 6: Set up logical spool servers
- Lesson: Managing Spool Requests
  - Exercise 7: Delete Spool Requests
- Lesson: Managing Output Devices with Printing Assistant for Landscapes
  - Exercise 8: Use Central Management of Output Devices (PAL)

**Unit 2: Background Processing**

- Lesson: Explaining Background Processing
  - Exercise 9: Optional - Fundamentals of Background Processing
- Lesson: Scheduling Time-Dependent Jobs
  - Exercise 10: Create a Time-Based Job
- Lesson: Scheduling Event-Dependent Jobs
  - Exercise 11: Create an Event-Dependent Job
- Lesson: Describing special Options for Background Processing
  - Exercise 12: Optional - Use External Programs and External Commands
- Lesson: Appendix - Describing Job Management Options

**Unit 3: SAP System Architecture**

- Lesson: Describing SAP Systems
- Lesson: Describing the Processes of an AS ABAP- and AS Java-Based SAP System
- Lesson: Listing the SAP Systems You Will Install and Patch in This Course

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## COURSE OVERVIEW

### Unit 4: Installation Preparation

Lesson: Installing an SAP System Using Software Provisioning Manager (SWPM)  
Lesson: Installing an SAP System Using SAPinst  
Lesson: Preparing for the Installation  
Lesson: Considering SAP Recommendations Regarding the Use of Virtual Host Names  
Lesson: Preparing for the Installation of an SAP System on Windows  
Lesson: Preparing for the Installation of an SAP System on UNIX

### Unit 5: SAP Front End Server Installation - AS ABAP

Lesson: Installing an SAP Front End Server System  
Exercise 13: Optional: Executing a Prerequisite Check before installing an SAP system  
Exercise 14: Installing an SAP Front End Server System  
Lesson: Installing an AAS for an SAP Front End Server System  
Exercise 15: Installing an Additional Application Server Instance for an AS ABAP-based SAP System

### Unit 6: SAP S/4HANA Installation - AS ABAP

Lesson: Installing an SAP S/4HANA System  
Exercise 16: Install an SAP HANA Database system  
Exercise 17: Install an SAP S/4HANA server system  
Lesson: Installing an AAS for an SAP S/4HANA System  
Exercise 18: Install an Additional Application Server for SAP S/  
Lesson: Installing an ERS for an SAP S/4HANA System  
Exercise 19: Installing an Enqueue Replication Server Instance

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## COURSE OVERVIEW

### Unit 7: Post-Installation Activities - AS ABAP

Lesson: Identifying Initial Post-Installation Steps

Lesson: Setting up Support for the SAP System

Exercise 20: Create a Named User for SAP Systems FSX and S4X

Exercise 21: Generate RFC Connection SAPOSS via transaction

Lesson: Completing Additional Configuration Steps

Exercise 22: Import and Change Profile Parameters for FSX

Exercise 23: Import and Change Profile Parameters for S4X

Exercise 24: Set up TMS

Lesson: Performing Further Setup Activities

Exercise 25: Schedule Standard Jobs in the SAP Front End Server System

Exercise 26: Check Standard Jobs in the SAP S/4HANA Server System

Exercise 27: Check the Installation

Exercise 28: Check the Installed Languages of SAP System S4X

Exercise 29: Compare the Available Business Functions between SAP Systems FSX and S4X

Lesson: Using Automated Setup of AS ABAP

Lesson: Configuring an AS Java-Based SAP System

### Unit 8: Patching SAP Systems using SUM: Single System

Lesson: Patching SAP Systems

Lesson: Patching an SAP System Using SUM (Single System)

Exercise 30: Updating SAP S/4HANA using SUM, Single System mode

Lesson: Generating new Program Loads using SGEN

### Unit 9: Patching SAP Systems using SUM: Standard/Advanced

Lesson: Patching an SAP System Using SUM (Standard/Advanced)

Exercise 31: Updating AS ABAP using SUM, Standard/Advanced mode

### Unit 10: SAP Solution Manager ABAP Installation - AS ABAP

Lesson: Installing an SAP Solution Manager ABAP System

Exercise 32: Installing an SAP Solution Manager ABAP System

### Unit 11: SAP Solution Manager Java Installation - AS Java

Lesson: Installing an SAP Solution Manager Java System

Exercise 33: Installing SAP Solution Manager Java

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## COURSE **OVERVIEW**

### Unit 12: Installation Planning

Lesson: Planning an Installation

### Unit 13: Enqueue Replication Server (ERS)

Lesson: Managing an Enqueue Replication Server (ERS)

Exercise 34: Make use of the Enqueue Replication Server (ERS)