

SAP Online Learning

Présentation générale approfondie de SAP ERP

TERP1E: Integration of Business Processes in SAP ERP

Course goal

- Work together with the responsible consultants and project team members in the individual ERP areas
- Explain how the fundamental integrative business processes interact within SAP ERP in the areas of Procurement, Manufacturing, Planning, Project Management, Sales, Customer Service, Enterprise Asset Management, Financials, Human Capital Management, and Analytics

Target Audience

Project team members, solution architects and solution consultants who want to gain a broad overview of the core business processes, business interrelations and integration of the individual business applications within the SAP ERP solution

Prerequisite

Essential:

Business knowledge of intercompany business processes in enterprise planning and management
Knowledge of navigation within SAP systems

Recommended:

Basic Knowledge in at least one SAP application area is an advantage

Course Content

- Overview of enterprise resource planning (ERP)
- SAP NetWeaver as the technical platform of SAP ERP
- Overview of integrated logistics scenarios for sales order processing, material planning and manufacturing execution, external procurement process, inventory and warehouse management, , customer service processing and enterprise asset management, and project management.
- Integration of Financial Accounting with the logistics scenarios, including general ledger accounting, accounts payable, accounts receivable, and asset accounting.
- Controlling components of cost center accounting, internal orders, product cost accounting, profit center accounting, profitability analysis, and activity based costing.
- Supporting Product Lifecycle Management business processes using PLM components
- Supporting business processes using integrated Human Capital Management
- Quick and efficient use of information using analytical components such as SAP Business Information Warehouse (SAP BW) and SAP Strategic Enterprise Management (SAP SEM)
Certification test

Notes

- Course Length: 54 hours
- This course aims to address mainly integration questions. It does not cover details or the Customizing of individual areas. These topics are examined in the specific courses for the individual areas.
- To ensure that you retain the knowledge gained in this course and successfully complete the certification examination, we recommend that you consolidate the content in your own time after the course
- The course also discusses the functions of the following SAP releases:
 - > SAP ERP 2005
 - > SAP ERP 2004
 - > R/3 Enterprise, BW & SEM
- Course content in English

TERP01: SAP ERP: Introduction

Course goal

Understand the fundamental concepts of Organizational Levels, Master Data, Transaction Data and Reports.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the processes, business interrelations, and integration of the individual business areas within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.
Proficiency in navigation within the SAP systems

Course Content

- Positioning of R/3 Enterprise toward SAP ERP
- SAP ERP Organizational Level
- Function of SAP ERP Master Data
- ERP reporting solutions including BW

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course length: 1,5 hours
- Course content in English

TERP02: SAP ERP: Introduction into SAP NetWeaver

Course goal

Appreciate how SAP Netweaver is a comprehensive integration and application platform that works with existing IT infrastructure enabling and managing change.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business application within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Management and Planning

Proficiency in navigation within the SAP System

Course Content

- Highlight the components and strategic advantage of NetWeaver and how NetWeaver supports the business processes.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course length: 1 hour
- Course content in English

TERP11: SAP ERP: Introduction into NW BI (BW 3.5)

Course goal

The aim of this course is to provide an understanding of how SAP ERP supports an organization's need for users to access and receive reports from one source through Business intelligence module.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the processes, business interrelations, and integration of the individual business areas within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.

Proficiency in navigation within the SAP systems

Course Content

- Concepts and Architecture of Business Information Warehouse (BW).
- Highlight how BW reporting and analysis tools support various business processes.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 1.5 hours
- Course content in English

TERP12: SAP ERP: Introduction to Strategic Enterprise Management (SEM 4.0)

Course goal

At the end of this course you will be able to:

- Identify the components of SEM
- Explain the function of each SEM components
- Discuss how SEM reporting supports business performance analysis

Target Audience

This course is appropriate for:

- Customers and consultants who are new to the SAP ERP solution
- Customers and consultants with expertise in a specific ERP business process area who want to expand their general knowledge of all business processes
- IT professionals who will be supporting the business processes used by their organizations.
- Project team members, who need an understanding of the key integration points between business disciplines supporting business process cycles.
- Power/Super Users and End Users who want a better understanding of the total business process cycle.

Prerequisite

Essential:

TERP02

TERP11

Recommended:

TERP01

Course Content

Using recorded presentations, system demonstrations, practice simulations, quizzes, and assessments you will be introduced to:

- the components of SEM and the business processes they support
- how SEM analytical reporting is used for measuring business performance

Notes

- This course introduces the basic business processes supported by SEM. Detailed explanation of each business process, examination of alternative process steps and customizing is covered in the advanced courses available as part of the SEM curriculum.
- Course Length: 1 hours
- Course content in English

TERP21: SAP ERP: Introduction into Processes in Financial Accounting

Course goal

The aim of this course is to provide an understanding of how SAP ERP supports an organization's Financial Accounting processes and integration of processes related to Material Management, Production, Sales and Distribution, Management Accounting and so on with Financial Accounting. The course will also introduce the participant to external reporting through Financial Accounting.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the processes, business interrelations, and integration of the individual business areas within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.

Proficiency in navigation within the SAP systems

Course Content

- Tasks in Financial Accounting.
- Overview of Organizational Levels.
- Creation of G/L accounts, execution of G/L postings, functions of new general ledger.
- Introduction of vendor master record, basic process in Materials Management and the integration with the Financial Accounting, posting of vendor invoices.
- Highlight how to maintain credit management data, post a customer invoice, the customer master record.
- Overview of Fixed Asset Accounting.
- Preparation of financial statements.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 6 hours
- Course content in English

TERP22: SAP ERP: Introduction into Processes in Management Accounting/CO

Course goal

The aim of this course is to provide an understanding of how SAP ERP supports an organization's Management Accounting activities including Overhead Cost Controlling, Product Cost Accounting, Profit Centre Accounting and Profitability Analysis of market segments.

Target Audience

Solution architects, project managers, team members, and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.
Proficiency in navigation within the SAP systems

Course Content

- Comparison of Financial and Management Accounting and an overview on the principal components of Management Accounting and their purpose.
- Overview on organizational units involved in Management Accounting and the relationships between them and other SAP system organizational units.
- Highlight the master data that are used in Cost Center Accounting, role of the cost center standard hierarchy and the various uses of cost centers, posting logic, and cost assessment.
- Overview of internal order.
- Various aspects of Profit Center Accounting
- Introduction to Profitability Analysis – its purpose, the master data used, the flow of data.
- Product Cost Accounting – its components and overview.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 6 hours
- Course content in English

TERP31: SAP ERP: Introduction into Processes in Human Capital Management

Course goal

This course aims to introduce the participant to Personnel & Organizational Structures, Employee Records Management, Business Process and Reporting & Analyse Tools in the Human Capital Management (HCM) module of SAP ERP.

Target Audience

- Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.

Proficiency in navigation within the SAP systems

Course Content

- Organizational Structures (jobs, positions, persons) in HCM.
- Highlight how to manage employee records.
- Basic business processes of HCM, key integration points with other SAP ERP processes, advantages of ESS.
- Overview on Reporting.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP # ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 5 hours
- Course content in English

TERP41: SAP ERP: Introduction into Processes in Procurement

Course goal

The aim of this course is to provide an understanding of how the Procurement Cycle of an organization can be mapped in SAP ERP. This would include identification and linking of various organization units related to Procurement Processes, Creation of Master Data and mapping of the Purchase-to-Pay Cycle and integration with other SAP ERP processes and modules. Procurement related reporting and analysis tools are also discussed as part of this course.

Target Audience

Solution architects, project managers, team members, and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.

Proficiency in navigation within the SAP systems

Course Content

- Identification of the Organizational Levels and Master Data that support the procurement process.
- Highlight how to perform the procurement cycle for stock and consumable materials including purchase requisitions, purchase orders, goods receipt, invoice receipt and vendor payment.
- Transfer posting.
- Reporting and analysis tools used in procurement.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 6 hours
- Course content in English

TERP42: SAP ERP: Introduction into Processes in Inventory Management

Course goal

The aim of this course is to provide an understanding of how the Inventory Management and Logistic Execution processes of an organization can be mapped in SAP ERP. This would include an understanding of various physical inventory procedures, process of Good Receipt against a Purchase Order and subsequent Putaway using Warehouse Management functionality and process for stock transfer and transfer postings.

Target Audience

Solution architects, project managers, team member and solution consultants who want to gain a broad fundamental understanding of the processes, business interrelations, and integration of the individual business areas within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.
Proficiency in navigation within the SAP systems

Course Content

- Difference between stock transfers and transfer postings.
- Highlight the Warehouse Management functionality involved with posting a goods receipt against a purchase order.
- Procedures of physical inventory.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 3 hours
- Course content in English

TERP51: SAP ERP: Introduction into Processes in Material Planning

Course goal

The aim of this course is to provide you an understanding of the Material Planning process of an organization can be mapped in SAP ERP. This would include identification of various Organization Levels and Master Data related to Material Planning Process and integration with other SAP ERP processes and modules. The course also aims to introduce the participant to the difference between Material Requirements Planning and Consumption Based Planning.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business application within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Management and Planning
Proficiency in navigation within the SAP System

Course Content

- Highlight the Organizational Levels and Master Data used in Material Planning.
- Overview of the importance of planning strategies on business processes, difference between Materials Requirement Planning and Consumption -based Planning procedures and integration of Materials Management and Sales Order Management.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 3 hours
- Course content in English

TERP52: SAP ERP: Introduction into Processes in Manufacturing Execution

Course goal

The aim of this course is to provide an understanding of how the Manufacturing Processes of an organization can be mapped in SAP ERP. This would include identification and linking of various Organization Units related to Manufacturing Processes, Creation of Master Data and mapping of various manufacturing activities and integration with other SAP ERP processes and modules. The course also introduces participant to Production and Cost Management related reporting and analysis tools which help in analyzing Production Performance.

Target Audience

Solution architects, project managers, team members, and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.
Proficiency in navigation within the SAP systems

Course Content

- Organizational Levels and Master Data used in Manufacturing Execution.
- Highlight how Manufacturing Execution activities are performed.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 3 hours
- Course content in English

TERP53: SAP ERP: Introduction into Processes in Enterprise Asset Management/Customer Service

Course goal

The aim of this course is to provide an understanding of how Enterprise Asset Management and Customer Service can be mapped in SAP ERP and learn to work with the processes supported in Enterprise Asset Management including the Creation of Maintenance Notification, the maintenance order based on the Notification, Planning and Monitoring repair activities and cost. You will also learn how Customer Service Support the Creation of Service Notification and Service Orders.

Target Audience

Solution architects, project managers, and solution consultants who want to gain a broad fundamental understanding of the processes, business interrelations, and integration of the individual business areas within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.

Proficiency in navigation within the SAP systems

Course Content

- Various Organizational Levels (General Organizational Units in Logistics, Location-based and Planning-Based Organizational Units) of Enterprise Asset Management.
- Different types of Technical objects such as functional locations, pieces of equipment, serial numbers, and bills of material in Enterprise Asset Management.
- Phases of the Corrective Maintenance Process
- Highlight on how to process reports using Plant Maintenance Information System and tools involved in analyzing maintenance history.
- Phases of Service Order fieldservice process.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 5 hours
- Course content in English

TERP54: SAP ERP: Introduction into Processes in Lifecycle Data Management

Course goal

The aim of this course is to provide an understanding of how SAP ERP supports Collaborative Engineering and Product Development processes through various Lifecycle Data Management tools.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management.
Proficiency in navigation within the SAP systems

Course Content

- Highlight the document management system, variant configuration, product structure browser and engineering workbench, functions of the classification system.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 2 hours
- Course content in English

TERP61: SAP ERP: Introduction into Processes in Sales Order Management

Course goal

The aim of this course is to provide an understanding of How Order-to- Cash cycle can be mapped in SAP ERP. This would include identification and linking of various Organization Units related to Sales Processes, Creation of Master Data and mapping of the Order-to-Cash Cycle and integration with other SAP ERP processes and modules. Sales cycle related Reporting and Analysis Tools are also discussed as part of this course.

Target Audience

Solution architects, project managers, team members and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in enterprise planning and management
Proficiency in navigation within the SAP Systems

Course Content

- Organizational Levels and Master Data that are essential for the Sales Order Management Process
- Highlight the execution of order to cash Business process within SAP ERP.
- Reporting and Analysis Tools involved in Sales Order Management process.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in the specific courses for the individual areas.
- Course Length: 6 hours
- Course content in English

TERP71: SAP ERP: Introduction into Processes in Program and Project Management

Course goal

The aim of this is to provide an understanding on how SAP ERP supports Project Management. Topics covered include Master data used in Program and Project Management, the various project management phases including project planning, budgeting, project execution and period-end activities.

The course also aims to provide an understanding of integration of Program and Project Management with other SAP ERP Modules

Target Audience

Solution architects, project managers, team members, and solution consultants who want to gain a broad fundamental understanding of the core processes, business interrelations, and integration of the individual business applications within the SAP ERP solution.

Prerequisite

Essential:

Knowledge of business processes in Enterprise Planning and Management

Proficiency in navigation within the SAP Systems

Course Content

- Highlight networks and activities and basic functions involved in work breakdown structures (WBS).
- Overview of project planning.
- Differences between planning and budgeting and the function of budget availability control.
- Various aspects of project execution.
- Functions of project period-end closing and their integration implications and settling projects.
- Reporting and analysis tools involved in the project system.

Notes

- This course is designed for participants who need a broad and integrative understanding of mapping business processes within SAP ERP. The course therefore aims to describe mainly the integration and not the Customizing of individual areas. Customizing is examined in # the specific courses for the individual areas.
- Course Length: 4 hours
- Course content in English