

ERP CAREER ACADEMY

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SYLLABUS–SAP
MODULES

Advance Training on SAP FINANCIAL ACCOUNTING & CONTROLLING (SAP FICO)

Module	Topic Area	Detailed Course Coverage	Practical Focus
Module 1	Introduction to ERP & SAP	ERP Concepts, SAP Overview, SAP Architecture, SAP GUI Navigation, System Landscape	Understanding real-time business processes
Module 2	SAP Organizational Structure	Company, Company Code, Business Area, Credit Control Area, Segment, Assignments	Enterprise structure configuration
Module 3	Basic Configuration Settings	Fiscal Year Variant, Posting Period Variant, Field Status Variant, Document Types, Number Ranges	System setup for live environment
Module 4	General Ledger Accounting (GL)	Chart of Accounts, GL Master Creation, Posting Transactions, Document Reversal, Reporting	Real-time financial postings
Module 5	Accounts Payable (AP)	Vendor Master Data, Invoice Posting, Credit Memo, Automatic Payment Program, Special GL Transactions	Vendor transaction handling
Module 6	Accounts Receivable (AR)	Customer Master Data, Billing, Incoming Payments, Dunning Process	Customer accounting management
Module 7	Bank & Cash Management	House Bank Creation, Bank Reconciliation, Electronic Bank Statement, Cash Journal	Daily banking operations
Module 8	Asset Accounting (AA)	Asset Master Data, Acquisition, Transfer, Retirement, Depreciation Run	Fixed asset lifecycle management
Module 9	Cost Center Accounting	Cost Center Creation, Planning, Allocation Cycles, Assessment & Distribution	Internal cost control
Module 10	Profit Center Accounting	Profit Center Setup, Profit Analysis, Reporting	Business unit performance analysis
Module 11	Profitability Analysis (CO-PA)	Market Segment Structure, Value Fields, Profitability Reporting	Product & market profitability
Module 12	Financial Reporting	Trial Balance, Balance Sheet, Profit & Loss, MIS Reports	Management reporting
Module 13	Month End & Year End Closing	Foreign Currency Valuation, GR/IR Clearing, Closing Activities	Corporate closing procedures
Module 14	Real-Time Project & Case Study	Complete Business Scenario Implementation	Job-oriented hands-on practice
Module 15	Resume Building & Interview Preparation	CV Preparation, Interview Questions, Mock Interviews	Placement preparation
Module 16	Placement Assistance	Career Guidance, Job Support, Interview Scheduling	97% Placement Support Model

DURATION 04 MONTHS

Advance Training on SAP MATERIAL MANAGEMENT (SAP MM)

Module	Topic Area	Detailed Course Coverage	Practical Focus
Module 1	Introduction to ERP & SAP MM	ERP Concepts, Overview of SAP, Introduction to MM Module, SAP GUI Navigation	Understanding procurement lifecycle
Module 2	Organizational Structure	Client, Company Code, Plant, Storage Location, Purchasing Organization, Purchasing Group	Enterprise structure configuration
Module 3	Material Master Data	Material Types, Industry Sector, Views (Basic, Purchasing, MRP, Accounting), Number Ranges	Material creation & maintenance
Module 4	Vendor Master Data	Vendor Account Groups, Partner Functions, Vendor Creation & Changes	Vendor management
Module 5	Purchasing Process	Purchase Requisition (PR), RFQ, Quotation Maintenance & Comparison	Procurement cycle practice
Module 6	Purchase Order (PO)	Standard PO, Subcontracting PO, Consignment PO, STO, PO Release Procedure	Order processing
Module 7	Pricing Procedure	Condition Types, Access Sequence, Calculation Schema, Pricing Determination	Pricing configuration
Module 8	Inventory Management	Goods Receipt (GR), Goods Issue (GI), Transfer Posting, Stock Types	Stock handling & movement
Module 9	Invoice Verification	Logistics Invoice Verification (MIRO), Credit Memo, Invoice Blocking & Release	Vendor payment validation
Module 10	Account Determination	Automatic Account Determination (OBYC), Valuation Class	MM–FI integration
Module 11	Special Procurement Processes	Subcontracting, Consignment, Third-Party Procurement, Pipeline Process	Advanced procurement scenarios
Module 12	Physical Inventory	Physical Inventory Planning, Counting, Difference Posting	Stock reconciliation
Module 13	Material Requirement Planning (MRP)	MRP Views, Planning Run, Procurement Proposals, Stock Requirement List	Demand planning
Module 14	Release Strategy & Workflow	Release Procedure for PR & PO, Approval Process	Organizational workflow control
Module 15	Reporting & Integration	Standard MM Reports, Stock Reports, MM–FI Integration, MM–SD Integration	Cross-module business flow
Module 16	SAP S/4HANA & Real-Time Project	Overview of S/4HANA MM, Fiori Apps, End-to-End Procure to Pay Cycle, Case Study Project	Job-oriented hands-on training

DURATION 04 MONTHS

Advance Training on SAP PRODUCTION PLANNING (SAP PP)

Module	Topic Area	Detailed Course Coverage	Practical Focus
Module 1	Introduction to ERP & SAP PP	ERP Concepts, SAP Overview, SAP GUI Navigation, PP Module Overview	Understanding manufacturing lifecycle
Module 2	Organizational Structure	Client, Company Code, Plant, Storage Location, Assignment to PP	Enterprise structure setup
Module 3	Master Data – Material Master	Material Types, MRP Views, Work Scheduling View, Accounting View	Production material configuration
Module 4	Master Data – Bill of Material (BOM)	BOM Creation, Types of BOM, BOM Usage, BOM Explosion	Product structure management
Module 5	Master Data – Work Center	Work Center Creation, Capacity Planning Data, Costing Data	Production resource planning
Module 6	Master Data – Routing	Routing Creation, Operation Details, Control Keys	Production process definition
Module 7	Production Planning Overview	Demand Management, PIR (Planned Independent Requirements)	Production demand planning
Module 8	Material Requirement Planning (MRP)	MRP Run, MRP Types, Procurement Proposals, Exception Messages	Automatic material planning
Module 9	Capacity Planning	Capacity Evaluation, Capacity Leveling	Resource optimization
Module 10	Production Order Processing	Production Order Creation, Release, Confirmation	Shop floor execution
Module 11	Goods Movement in Production	Goods Issue to Order, Goods Receipt from Order	Inventory & production integration
Module 12	Order Settlement & Costing	Production Order Settlement, Product Costing Overview	Cost control in production
Module 13	Repetitive Manufacturing	REM Process, Backflushing, Reporting Points	Mass production handling
Module 14	Quality & Integration	PP Integration with MM, SD & QM Modules	End-to-end business process
Module 15	Reporting & S/4HANA PP	Standard PP Reports, MRP Reports, Overview of S/4HANA PP & Fiori Apps	Modern reporting tools
Module 16	Real-Time Project, Resume & Placement Support	Complete Production Cycle Case Study, Live Project Implementation, Resume Building, Interview Preparation, Placement Assistance	Job-oriented hands-on training

DURATION 04 MONTHS

Advance Training on SAP HUMAN CAPITAL MANAGEMENT (SAP HCM)

Module	Topic Area	Detailed Course Coverage	Practical Focus
Module 1	Introduction to ERP & SAP HCM	ERP Concepts, SAP Overview, SAP GUI Navigation, HCM Module Overview	Understanding HR lifecycle in SAP
Module 2	Organizational Management (OM)	Organizational Structure, Positions, Jobs, Organizational Units, Relationships	Enterprise HR structure setup
Module 3	Personnel Administration (PA) – Basic Settings	Personnel Areas, Subareas, Employee Groups & Subgroups	Employee structure configuration
Module 4	Personnel Administration (PA) – Master Data	Hiring Process, Infotypes, Employee Actions, Data Maintenance	Employee lifecycle management
Module 5	Time Management (TM) – Basics	Work Schedules, Holiday Calendar, Attendance & Absence Types	Time data configuration
Module 6	Time Management – Processing	Time Recording, Leave Management, Time Evaluation	Attendance & leave tracking
Module 7	Payroll – Configuration Basics	Payroll Areas, Wage Types, Pay Scale Structure	Payroll structure setup
Module 8	Payroll – Processing	Payroll Run, Payroll Corrections, Remuneration Statements	Salary processing
Module 9	Benefits Administration	Benefit Plans, Eligibility Rules, Enrollment	Employee benefits management
Module 10	Recruitment & Personnel Development	Vacancy Creation, Applicant Management, Training & Development	Talent acquisition & development
Module 11	Organizational Reporting	Standard HCM Reports, HR Analytics	HR reporting & analysis
Module 12	Integration with Other Modules	HCM Integration with FI (Payroll Posting), Integration with Time & OM	Cross-module process flow
Module 13	Employee Self-Service (ESS) & Manager Self-Service (MSS)	ESS/MSS Overview, Leave Requests, Employee Data Updates	Digital HR processes
Module 14	Authorization & Data Security	User Roles, HR Authorizations, Data Protection Concepts	Secure HR system access
Module 15	SAP S/4HANA HCM Overview	HCM in S/4HANA, Fiori Apps Overview, Simplified HR Processes	Modern SAP HR environment
Module 16	Real-Time Project, Resume & Placement Support	Complete HR Cycle Case Study, Live Project Practice, Resume Building, Interview Preparation, Placement Assistance	Job-oriented hands-on & career support

DURATION 04 MONTHS

Advance Training on SAP SALES & DISTRIBUTION (SAP SD)

Module	Topic Area	Detailed Course Coverage	Practical Focus
Module 1	Introduction to ERP & SAP SD	ERP Concepts, SAP Overview, SAP GUI Navigation, SD Module Overview	Understanding order-to-cash cycle
Module 2	Organizational Structure	Client, Company Code, Sales Organization, Distribution Channel, Division, Sales Area	Enterprise sales structure setup
Module 3	Master Data – Customer Master	Account Groups, Partner Functions, Customer Creation & Changes	Customer management
Module 4	Master Data – Material Master (SD Views)	Sales Org Data, Shipping Data, Billing Data	Sales material configuration
Module 5	Pricing Procedure	Condition Types, Access Sequence, Pricing Procedure Determination	Sales pricing configuration
Module 6	Sales Documents	Inquiry, Quotation, Sales Order Types	Pre-sales & order processing
Module 7	Sales Order Processing	Sales Order Creation, Item Categories, Schedule Lines	Order management
Module 8	Delivery Processing	Outbound Delivery Creation, Picking, Packing, Post Goods Issue (PGI)	Shipping & logistics execution
Module 9	Billing Process	Billing Document Creation, Invoice, Credit & Debit Memo	Revenue processing
Module 10	Basic Functions	Output Determination, Text Determination, Partner Determination	Sales document control
Module 11	Credit Management	Credit Control Area, Credit Limit Check, Risk Management	Customer credit monitoring
Module 12	Availability Check & Transfer of Requirements	ATP Check, Requirement Types, Schedule Line Categories	Stock availability control
Module 13	Integration with MM & FI	SD–MM Integration (Delivery & Stock), SD–FI Integration (Billing & Accounting Entry)	End-to-end business process
Module 14	Reporting & Analytics	Standard SD Reports, Sales Analysis, Backorder Processing	Sales performance monitoring
Module 15	SAP S/4HANA SD Overview	S/4HANA SD Features, Fiori Apps Overview	Modern SAP sales environment
Module 16	Real-Time Project, Resume & Placement Support	Complete Order-to-Cash Case Study, Live Project Implementation, Resume Building, Interview Preparation, Placement Assistance	Job-oriented hands-on & career support

DURATION 04 MONTHS

Advance Training on SAP ADVANCE BUSINESS APPLICATION PROGRAMMING (SAP ABAP)

Module	Topic Area	Detailed Course Coverage	Practical Focus
Module 1	Introduction to ERP & ABAP	ERP Concepts, SAP Overview, ABAP Architecture, SAP GUI & ABAP Editor (SE38)	Understanding SAP technical environment
Module 2	ABAP Basics	Data Types, Variables, Constants, Operators, Control Statements	Writing basic ABAP programs
Module 3	Data Dictionary (DDIC)	Tables, Data Elements, Domains, Structures, Views, Lock Objects	Database object creation
Module 4	Internal Tables	Types of Internal Tables (Standard, Sorted, Hashed), Work Areas, Field Symbols	Data processing & manipulation
Module 5	Modularization Techniques	Includes, Subroutines, Function Modules	Code reusability & structuring
Module 6	Reports Programming	Classical Reports, Events (START-OF-SELECTION), Selection Screens	Report development
Module 7	ALV Reports	ALV Grid, ALV List, Field Catalog, Layout Customization	Professional reporting
Module 8	Smart Forms & SAP Scripts	Form Layout Design, Window Creation, Print Programs	SAP document generation
Module 9	Dialog Programming (Module Pool)	Screen Painter, PBO & PAI Events, GUI Status	Interactive program development
Module 10	Enhancements & User Exits	User Exits, Customer Exits, BADI, Enhancement Framework	SAP customization
Module 11	BDC (Batch Data Communication)	Recording, Session Method, Call Transaction Method	Data migration techniques
Module 12	BAPI & RFC	Business Application Programming Interface, Remote Function Calls	Integration & external communication
Module 13	IDocs & Interfaces	IDoc Structure, Outbound & Inbound Processing	SAP system integration
Module 14	Object-Oriented ABAP (OOABAP)	Classes, Objects, Methods, Inheritance, Polymorphism	Modern ABAP development
Module 15	SAP S/4HANA ABAP	CDS Views, AMDP, Introduction to Fiori & OData	Advanced SAP development
Module 16	Real-Time Project, Resume & Placement Support	End-to-End Development Project, Live Scenario Implementation, Resume Building, Interview Preparation, Placement Assistance	Job-oriented hands-on & career support

DURATION 04 MONTHS

 Course Highlights – ERP Career Academy

- 100% Practical SAP Server Access
- Real-Time Project Training
- Industry Experienced Trainers
- Job & Placement Support
- Corporate Level Case Studies