BLACKBIRD FOR TRAINING

Technical and Functional Modules of SAP S/4HANA

2 – 13 August 2027
Lyon (France)



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Introduction

Digital transformation has become a strategic priority for organizations seeking efficiency, transparency, and data-driven decision-making. Enterprise resource planning systems play a central role in this transformation, and SAP S/4HANA stands out as one of the most advanced platforms for integrating business processes across finance, human resources, supply chain, procurement, sales, and operations.

The Technical and Functional Modules of SAP S/4HANA - 2 Weeks program is designed to provide participants with a structured and practical understanding of both functional and technical modules within the system. The course targets professionals who need to understand how business processes are executed, integrated, and supported technically within a modern enterprise environment.

This program is suitable for executives, managers, team leaders, and professionals working in government entities and private organizations across sectors such as oil and gas, banking, telecommunications, public sector, human resources, project management, and sales. The course focuses on real operational workflows, system integration, and how SAP S/4HANA supports organizational performance and strategic objectives.

Course Objectives

By the end of the Technical and Functional Modules of SAP S/4HANA - 2 Weeks program, participants will be able to:

- Understand the overall architecture of SAP S/4HANA.
- Distinguish clearly between functional modules and technical modules.
- Analyze how business processes are executed across departments.
- Apply core concepts related to transaction processing and data management.
- Understand system integration between finance, logistics, and human resources.
- Interpret reports and operational data for decision-making.
- Improve collaboration between business users and technical teams.
- Support organizational digital transformation initiatives effectively.



Course Outlines

Day One: Introduction to SAP S/4HANA

- Overview of enterprise resource planning concepts.
- Evolution of SAP systems leading to SAP S/4HANA.
- Core system components and architecture.
- In-memory data processing concepts.
- Overview of functional and technical modules.
- Practical examples from different industries.

Day Two: Functional Modules - Financial Management

- Financial structure within SAP S/4HANA.
- Chart of accounts and financial data organization.
- Posting and managing financial transactions.
- Core financial reporting concepts.
- Integration between finance and other modules.
- Practical financial process scenarios.

Day Three: Functional Modules - Human Resources Management

- Employee data management concepts.
- Organizational structures and workforce planning.
- Cost tracking related to human resources.
- Integration between human resources and finance.
- Workforce analytics and planning support.
- Practical examples from organizational environments.

Day Four: Functional Modules - Supply Chain and Procurement

- Procurement process lifecycle.
- Supplier and contract management.
- Inventory and stock control concepts.
- Integration between procurement and finance.
- Cost optimization through system visibility.
- Industry-based case examples.



Day Five: Functional Modules - Sales and Customer Management

- Sales order management processes.
- Order-to-delivery workflow.
- Billing and revenue tracking.
- Customer data and service support.
- Integration with inventory and finance.
- Practical sales process exercises.

Day Six: Technical Modules - System Architecture and Security

- Overview of technical system components.
- User management and authorization concepts.
- Data security and access control.
- System performance monitoring.
- Ensuring system availability and reliability.
- Technical support scenarios.

Day Seven: Data Management and System Integration

- Data flow across SAP S/4HANA modules.
- Master data management concepts.
- Reducing data duplication and inconsistencies.
- Process integration across departments.
- Supporting real-time decision-making.
- Practical integration scenarios.

Day Eight: Reporting and Business Analytics

- Operational and management reporting concepts.
- Real-time data analysis.
- Performance indicators and dashboards.
- Supporting executive decision-making.
- Strategic planning through analytics.
- Cross-functional reporting examples.

Day Nine: Best Practices and Enterprise Implementation

- Global best practices for SAP implementation.
- Change management within organizations.
- Leadership roles in system success.
- Common implementation challenges.
- Aligning SAP with organizational strategy.
- Case studies from successful deployments.



Day Ten: Review, Integration, and Evaluation

- Comprehensive review of all modules.
- End-to-end process integration scenarios.
- Discussion of workplace application challenges.
- Knowledge assessment and feedback.
- Identification of future development paths.
- Professional guidance for continued learning.

Why Attend This Course: Wins & Losses!

- Comprehensive understanding of functional and technical SAP modules.
- Improved coordination between departments.
- Strong support for digital transformation initiatives.
- Enhanced operational efficiency.
- Better decision-making through integrated data.
- Improved professional competency and career readiness.
- Practical understanding of enterprise systems.
- Alignment between business and technical teams.

Conclusion

The Technical and Functional Modules of the SAP S/4HANA—2 Weeks program provides a structured and practical foundation for understanding how modern enterprise systems support organizational operations and strategy. The course bridges functional business knowledge with technical system understanding, enabling participants to contribute more effectively to system implementation, optimization, and daily operations.

Participants completing this program gain the ability to analyze integrated processes, interpret real-time data, and support digital transformation initiatives within their organizations. The knowledge acquired supports both individual professional growth and long-term organizational performance in an increasingly data-driven business environment.

