

ABAP Workbench Foundations

Course Code: BC400

Duration: 5 Days

Goals

- Learn the fundamental concepts of the ABAP programming language
- Efficiently use the ABAP Workbench tools
- Create simple application programs with user dialogs (selection screen, list and screen) and database dialogs (reading from the database)

Audience

- Developers, project managers, consultants

Prerequisites

Essential

- BC100 Introduction to programming (with ABAP)
- or equivalent knowledge
- SAPTEC Fundamentals of SAP Web AS

Recommended

- Basic knowledge of operational business processes

Course Content (Details)

- Create ABAP programs and the most important Repository objects using appropriate ABAP Workbench tools
- Navigate in the Workbench and use the syntax help
- Process source text with the ABAP Editor
- Test programs using the Debugger
- Project-oriented development using the Transport Organizer
- Overview of important ABAP statements
- Define elementary and structured data objects
- Working with internal tables
- Use function groups and function modules
- Use of classes, methods and BAPIs
- Database dialogs: information about database tables in the ABAP Dictionary, read database tables
- User dialogs: list, selection screen, screens. ABAP Web Dynpro (from SAP NetWeaver 7.0)
- Overview of the different options for adapting software