

TAW10 ABAP Workbench Fundamentals

English ▼

Course version: 2005/Q4

Duration

- 10 day(s)

Course Goals

- Work with the ABAP Workbench tools
- Develop your own simple ABAP programs
- Use object-oriented programming in ABAP Objects

Target Audience

- Development Consultants who are responsible for developing and customizing ABAP / ABAP Objects programs

Prerequisites

Essential:

- Extensive basic data processing knowledge
- Good programming experience in another programming language

Software Component(s) and Release(s)

- WEB AS 6.40

Course Content

- Introduction into mySAP Business Suite (presentation of e-business solutions, overview about SAP Web Application Server, communication and integration technology)
- ABAP Workbench tools
- Fundamentals of programming in ABAP: Basic ABAP syntax elements, user dialogs, techniques of list creation, function modules, program calls and data transfer
- ABAP Dictionary – Creation of global objects (data types, tables, views) and search helps
- Object oriented programming with ABAP Objects (classes and objects, inheritance, interfaces, events, exception concept, persistent objects)
- Programming list with the ALV Grid Control
- Advanced programming in ABAP (performance of internal and data base table accesses, dynamic programming)

TAW12 ABAP Workbench Concepts

English ▼

Course version: 2005/Q2

Duration

- 10 day(s)

Course Goals

- Use the ABAP/ABAP Objects programming language and the ABAP Workbench tools to develop your own business applications or to customize SAP standard software
- Utilize your knowledge directly as a junior consultant in your first period of practice

Target Audience

- Development consultants who are responsible for the development and customizing of business applications in ABAP/ABAP Objects

Prerequisites

Essential:

- [TAW10 ABAP Workbench Fundamentals](#)

Software Component(s) and Release(s)

- WEB AS 6.40

Course Content

- Dialog programming: principles and ergonomics, user interface, screen object attributes, implementation, and processing, context menus, list processing
- Database updates: Open SQL statements, LUW-concept of SAP Web AS, usage of SAP locking concept, database updates from dialog programs using suitable techniques: inline updates, synchronous, asynchronous and local updates in V1 and V2 mode, implementation of complex transactions
- Overview of the SAP implementation tool Solution Manager: e-learning for self-study
- Enhancements and modifications: changing the SAP standard software, personalization, enhancement techniques (Dictionary appends, customer exits, business transaction events, Business Add Ins), modifications incl. modification assistant and adjustment, SAP Note Assistant
- Certification test to become a Development Consultant SAP NetWeaver 2004 – Web Application Development Focus ABAP on the content of the courses TAW10 and TAW12