

COURSE DESCRIPTION: ABAP WORKBENCH FUNDAMENTALS

Course: TAW10

Course Version: 054

Prerequisites

Essential

Extensive basic data processing knowledge

Good programming experience in another programming language

Recommended

None

Duration

15 days

Goals

Work with the ABAP Workbench tools

Develop your own simple ABAP programs

Use object-oriented programming in ABAP Objects

Audience

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

Software

WEB AS 6.40

Content

Introduction into SAP Business Suite (presentation of e-business applications, 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)

Case study (applying the basic knowledge learned in this course in a programming project)

Notes

To ensure that you retain the knowledge gained in this course and successfully complete the certification examination at the end of course TAW12, we recommend that you consolidate the content and exercises in your own time after the course.

COURSE DESCRIPTION: ABAP WORKBENCH CONCEPTS

Course: TAW12

Course Version: 052

Prerequisites

Essential

TAW10 ABAP Workbench Fundamentals

Recommended

None

Duration

10 days

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

Audience

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

Software

WEB AS 6.40

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

Case study: applying basic knowledge learned in this course in a programming project

Certification test to become a Development Consultant SAP NetWeaver 2004 – Web Application Development Focus ABAP on the content of the courses TAW10 and TAW12

Notes

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