

Advanced ABAP

Course code: BC402

In this course, you will acquire in-depth knowledge of the advanced features in ABAP programming and understand how to apply them practically in your ABAP applications. Course based on software release: AS ABAP 7.50, SAP ECC 6.08.

Affiliate	Duration	Course price	ITB
Praha	5	66 125 Kč	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
25.11.2024	5	66 125 Kč	Online	EN	Partner online live

The prices are without VAT.

Who is the course for

- Developer
- Developer Consultant

What we teach you

This course will prepare you to:

- Acquire in-depth knowledge of the ABAP programming language
- Write more robust ABAP programs
- Assess ABAP programming techniques according to performance aspects and develop high-performance programs
- Gain detailed knowledge in ABAP Open SQL
- Develop dynamic ABAP programs

Required skills

Essential

- BC400
- BC401

Recommended

- Practical programming experience in ABAP & ABAP Objects
- BC430

Course outline

- ABAP Language Evolution
- Explaining the Difference between Statements, Functions and Expressions
- Describing ABAP Data Types and Data Objects
- Selecting Data from a Single Database Table with Open SQL
- Program Calls and Memory Management
- Calling Programs Synchronously
- Describing the ABAP Runtime and Memory Management
- Using Shared Objects
- Statements, Functions, and Expressions for Simple Data
- Using Numeric Data Types in Arithmetic Expressions
- Understanding Statements for Processing Character Strings and Byte Strings
- Processing Character Strings and Byte Strings Using Functions and Expressions

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved

Advanced ABAP

- Internal Tables
- Using Standard, Sorted, and Hashed Tables
- Using Special Techniques with Internal Tables
- Using Expressions for Internal Tables
- Using Data References and Field Symbols
- Dynamic Programming
- Explaining the Dynamic Programming Techniques of ABAP
- Using Dynamic Statements and Dynamic Calls
- Using Generic Data Types
- Describing Data Types, Data Objects, and Objects at Runtime
- Creating Data Types, Data Objects, and Objects at Runtime
- ABAP Open SQL
- Describing the Technical Background of Database Accesses with Open SQL
- Processing and Aggregating Datasets on the Database
- Implementing Complex WHERE Conditions and Special INTO Clauses
- Using the Features of the New Open SQL
- Selecting Data from Multiple Database Tables
- Explaining Additional Techniques for Reading from Multiple Database Tables
- Analysis and Testing
- Defining and Activating Checkpoints
- Using the ABAP Trace
- Using the SQL Trace
- Using the SQL Monitor

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved