

A background image of four business professionals in a meeting. A woman with blonde hair is standing and leaning over a table, looking at a laptop. Three other people (two men and one woman) are seated around the table, looking at the laptop and documents. The setting is a bright, modern office with large windows.

SAP NetWeaver: ABAP Academia

SAP ABAP

TIPO: Academia Sin Certificación

DURACIÓN: 100 Hs (5 Semanas)

SOLUTION: SAP NetWeaver

IDIOMA: Inglés

ABAP Basics

AUDIENCE

Development consultants who are responsible for developing and adapting ABAP programs

PREREQUISITES

Essential

- Programming experience in another programming language

Recommended

- None

SOFTWARE RELEASE

- SAP NetWeaver AS 7.02

CONTENT

- Introduction to SAP NetWeaver Application Server
- Using the ABAP Workbench
- ABAP programming basics:
 - fundamental syntax elements,
 - modularization using subroutines, function modules, and methods
 - program calls and data transfer
- Complex data objects:
 - structures
 - internal tables
 - ABAP Open SQL
- classical UI programming:
 - selection screens
 - screens (dynpros)
 - Memory management and program calls
- ABAP Dictionary:
 - Global types (tables, views)

- Transparent tables, pool tables, and cluster tables
- Object dependencies
- Views
- Search helps

ABAP Objects and how to use IT

AUDIENCE

- Development consultants who are responsible for developing and adapting ABAP programs

PREREQUISITES

Essential

- Write object oriented programs with ABAP * Use the enhancement concept * Create simple Web Dynpro for ABAP applications

Recommended

- None

SOFTWARE RELEASE

- SAP NetWeaver AS 7.02

CONTENT

- ABAP Objects:
 - Analysis and UML design
 - Classes and objects
 - Inheritance
 - Interfaces
 - Events
 - Exception handling
 - Global classes and global interfaces
 - Abstract classes, factory methods, singletons
 - Shared Objects
- Dynamic programming:
 - Field symbols and data references
 - Runtime Type Services (RTTS)
- Enhancements and modifications:
 - Enhancing Dictionary elements
 - Customer Exits
 - Business Add Ins (BADIs)
 - Modifications
 - Enhancement Framework
- ABAP Web Dynpro (overview):

- Architecture
- Components
- Controller
- Context
- UI definition
- Navigation
- Certification test to become an SAP Certified Development Associate - ABAP with SAP NetWeaver 7.0