

CLONESKILLS, INC.

Prepare To Lead.
Lead With Skills.

SAP NetWeaver 2004 - Development Consultant ABAP Certification Preparation Training



Prepare to lead.
Lead with skills.

CLONESKILLS

The Global Training Company for Cultivating IT Leadership

CLONESKILLS, Inc.

5348 Vegas Drive, Suite 733

Las Vegas, Nevada, 89108

Main : 1.800.836.5696

Email: info@cloneskills.com

W
E

B
U
I
L
D

C
A
R
E
E
R

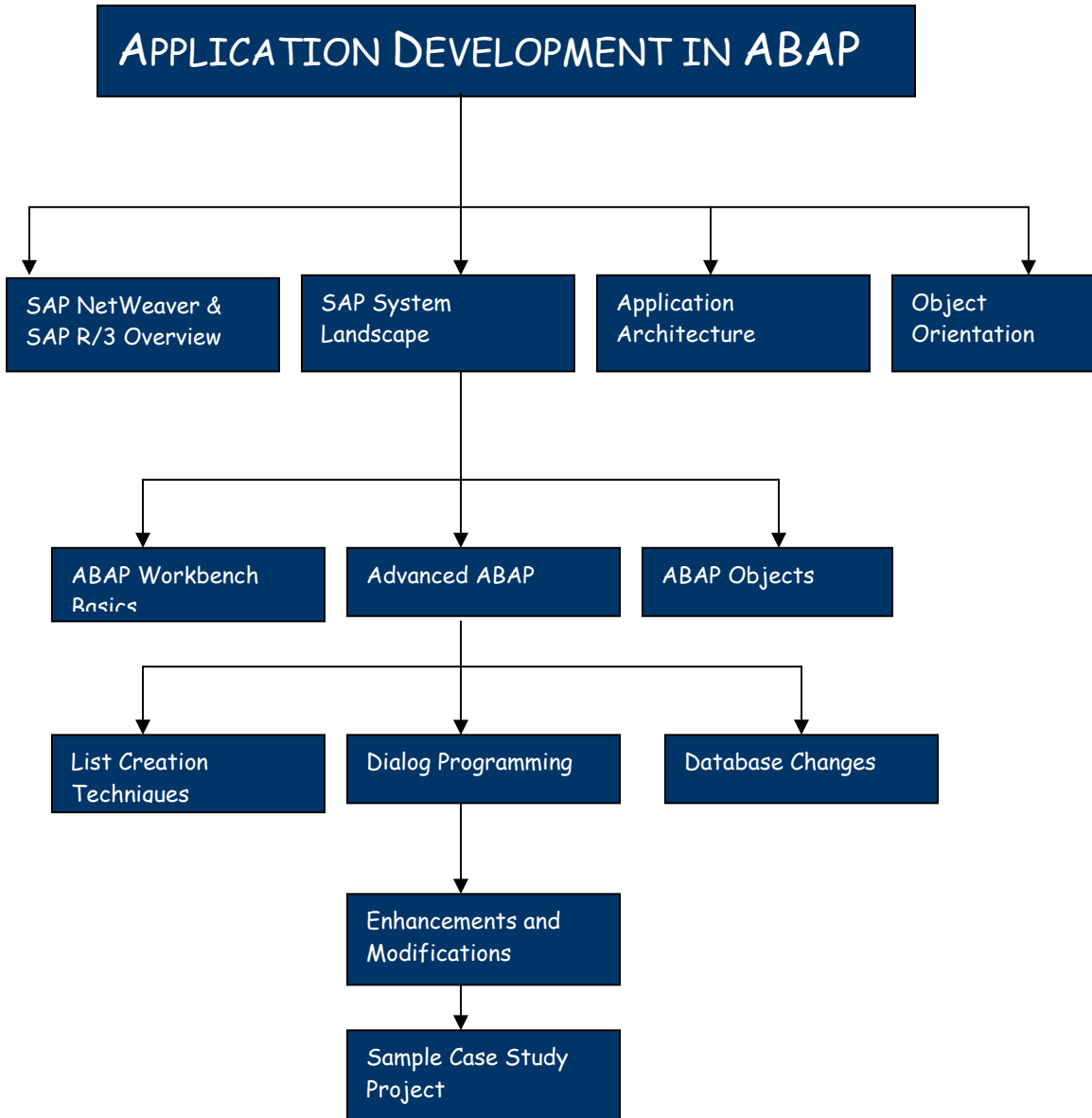
1

We differentiate our training from others by delivering Role -Based SAP Instruction rather than SAP Product focused Training.

<http://www.CloneSkills.com> , JothiP@CloneSkills.com , (916)-296-0228
THE Global Training Company for Cultivating IT Leadership

TRAINING ROADMAP

NetWeaver 2004 Application Development Using Object Oriented ABAP



SAP NetWeaver 2004 - Development Consultant ABAP Certification Preparation Training

TRAINING GOALS AND OBJECTIVES

- Application Development in ABAP - Fundamentals
- Application Development in ABAP - Systems Landscape
- Application Development in ABAP - Application Architecture
- Application Development in ABAP - SAP Technologies
- Application Development in ABAP - ABAP Workbench Basics
- Application Development in ABAP - Advanced ABAP
- Application Development in ABAP - ABAP Objects
- Application Development in ABAP - ABAP Dictionary
- Application Development in ABAP - List Creation Techniques
- Application Development in ABAP - Dialog Programming
- Application Development in ABAP - Database Changes
- Application Development in ABAP - Enhancements and Modifications

COURSE GOALS

- Describe the concept of ABAP programming language
- Use the ABAP programming language and the ABAP workbench tools to develop your own business applications or to make individual adjustments to SAP standard software
- Directly use your knowledge as a consultant in an initial practical phase
- Program dynamic screen processing
- Program user dialog using different screen elements in the SAP system
- Understand how developments are organized and transported
- Program read access to the database
- Implement different types of user dialog
- Understand the details of procedural and object-oriented syntax elements in ABAP Objects and use these effectively
- Create object-oriented model of business applications
- Use the tools in the ABAP workbench to develop object-oriented programming

COURSE OBJECTIVES

- Work with the ABAP Workbench tools
- Develop your own simple ABAP programs
- Use object-oriented programming in ABAP Objects
- 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
- Create a user interface program
- Write user-friendly dialog programs and database access
- Use and process screen elements in the SAP system
- Describe the different kinds of change level available in the R/3 systems
- Enhance ABAP Dictionary objects without having to modify them
- Implement enhancements to the R/3 standard using customer exits, Business Transaction Events , and Business Add-Ins
- Make and adjust modifications using the Modification Assistant
- Describe different types of development objects and their typical indented purpose
- Use appropriate tools to create simple examples of the development objects presented

SAP NetWeaver 2004 - Development Consultant ABAP Certification Preparation Training

SAP NetWeaver ABAP Certification Preparation Training Content and Syllabus - All our session and quiz includes a mandatory hands on a practical LAB		
Session #	Session Topic	Session Details
1	SAP Technologies	<ul style="list-style-type: none"> ▪ SAP Fundamentals and Navigation ▪ SAP NetWeaver Overview ▪ SAP ECC and my SAP Business Suits Overview ▪ Systems Landscape ▪ Application Architecture ▪ SAP Backend Technologies
Quiz # 1		
2	ABAP Workbench Basics	<ul style="list-style-type: none"> ▪ Data types and data objects ▪ Internal tables ▪ Data retrieval (authorization check) ▪ Subroutines ▪ ABAP runtime system ▪ Function groups and function modules
Quiz # 2		
3	Advanced ABAP	<ul style="list-style-type: none"> ▪ Open SQL ▪ Dynamic programming ▪ Program calls and memory management
Quiz # 3		
4	ABAP Objects	<ul style="list-style-type: none"> ▪ Classes and objects ▪ Inheritance ▪ Polymorphism (casting) ▪ Interfaces ▪ Events ▪ Global classes and interfaces ▪ Exception handling
Quiz # 4		
5	ABAP Dictionary	<ul style="list-style-type: none"> ▪ Database tables ▪ Performance for table accesses ▪ Consistency by means of input check (foreign key dependency) ▪ Dependency for ABAP Dictionary objects ▪ Views ▪ Search helps

We differentiate our training from others by delivering Role -Based SAP Instruction rather than SAP Product focused Training.

SAP NetWeaver 2004 - Development Consultant ABAP Certification Preparation Training

Quiz # 5		
6	List Creation Techniques	<ul style="list-style-type: none"> ▪ Data output in lists ▪ Selection screen ▪ Logical database ▪ Interactive lists ▪ List creation with the ALV grid control: <ul style="list-style-type: none"> - Simple lists - Field catalog - Layout - Event handling
Quiz # 6		
7	Dialog Programming	<ul style="list-style-type: none"> ▪ Screen (basics) ▪ Program interface (GUI title, GUI status) ▪ Screen elements for output (text fields, status icons, and group boxes) ▪ Screen elements for input/output ▪ Sub screen and tab strip control ▪ Table control ▪ Context menu ▪ Lists in dialog programming
Quiz # 7		
8	Database Changes	<ul style="list-style-type: none"> ▪ Database updates with open SQL ▪ LUWs and client/server architecture ▪ SAP locking concept ▪ Organize database changes ▪ Complex LUW processing ▪ Number assignment ▪ Change document creation
Quiz # 8		
9	Enhancements and Modifications	<ul style="list-style-type: none"> ▪ Changes to the standard SAP system ▪ Personalization ▪ Enhancements to ABAP Dictionary elements ▪ Enhancements via customer exits ▪ Business Transaction Events ▪ Business Add-Ins ▪ Modifications
Quiz # 9		
10	Case Study and Sample Project	<ul style="list-style-type: none"> ▪ Applicable ONLY for qualified participants

We differentiate our training from others by delivering Role -Based SAP Instruction rather than SAP Product focused Training.

APPENDIX – A - CERTIFICATION INFORMATION

CERTIFICATION DETAILS

Certification ID (Booking code)	: C_TAW12_04
Certification duration	: 3 hours
Number of certification questions	: 80
Required certificates for this certification test	: None

MORE CERTIFICATION INFORMATION

Up-to-date certification information can be obtained by visiting below URL

<http://www50.sap.com/useducation/certification/curriculum.asp?rid=493>

EXAM CONTENT AND WEIGHTING INFORMATION

1. SAP Technologies (+)

- SAP systems (mySAP Business Suite and SAP NetWeaver)
- Technical structure of an SAP Web Application Server

2. ABAP Workbench Basics (++)

- Data types and data objects
- Internal tables
- Data retrieval (authorization check)
- Subroutines
- ABAP runtime system
- Function groups and function modules

3. Advanced ABAP (++)

- Open SQL
- Dynamic programming
- Program calls and memory management

4. ABAP Objects (++)

- Classes and objects
- Inheritance
- Polymorphism (casting)
- Interfaces
- Events
- Global classes and interfaces
- Exception handling

5. ABAP Dictionary (++)

- Database tables
- Performance for table accesses
- Consistency by means of input check (foreign key dependency)
- Dependency for ABAP Dictionary objects
- Views
- Search helps

6. List Creation Techniques (++)

- Data output in lists
- Selection screen
- Logical database
- Interactive lists
- List creation with the ALV grid control:
 - Simple lists
 - Field catalog
 - Layout and Event handling

SAP NetWeaver 2004 - Development Consultant ABAP Certification Preparation Training

7. Dialog Programming (++)

- Screen (basics)
- Program interface (GUI title, GUI status)
- Screen elements for output (text fields, status icons, and group boxes)
- Screen elements for input/output
- Subscreen and tabstrip control
- Table control
- Context menu
- Lists in dialog programming

8. Database Changes (+)

- Database updates with open SQL
- LUWs and client/server architecture
- SAP locking concept
- Organize database changes
- Complex LUW processing
- Number assignment
- Change document creation

9. Enhancements and Modifications (+)

- Changes to the standard SAP system
- Personalization
- Enhancements to ABAP Dictionary elements
- Enhancements via customer exits
- Business Transaction Events
- Business Add-Ins
- Modifications

Amount of questions by topic (as percentage of test):

+ = 1 - 10%

++ = 11 - 20%

+++ = over 20%

Disclaimer:

CloneSkills is an independent training and SAP solutions company not affiliated to SAP AG or SAP America. At CloneSkills we exclusively promote the SAP NetWeaver Solutions and do not compete with SAP.