



SNTECH GLOBAL SOLUTIONS

DO "IT" SIMPLE

SAP ABAP

Certification Training



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About **SNTech**

Keep learning. Keep growing

Learning constantly evolves in better and simpler ways with endless ideas to explore. SNTech Global Solutions aims to open new doors by giving you the key to smarter, more effective learning.

Who we are?

SNTech Global Solutions is a dynamic learning platform for the 21st-century educators and learners.

We offer a range of structured, industry-relevant courses designed to help individuals grow mentally and professionally.

Our creative and organized learning approach ensures a cohesive experience that enhances understanding, builds skills, and empowers both learners and trainers to achieve excellence.



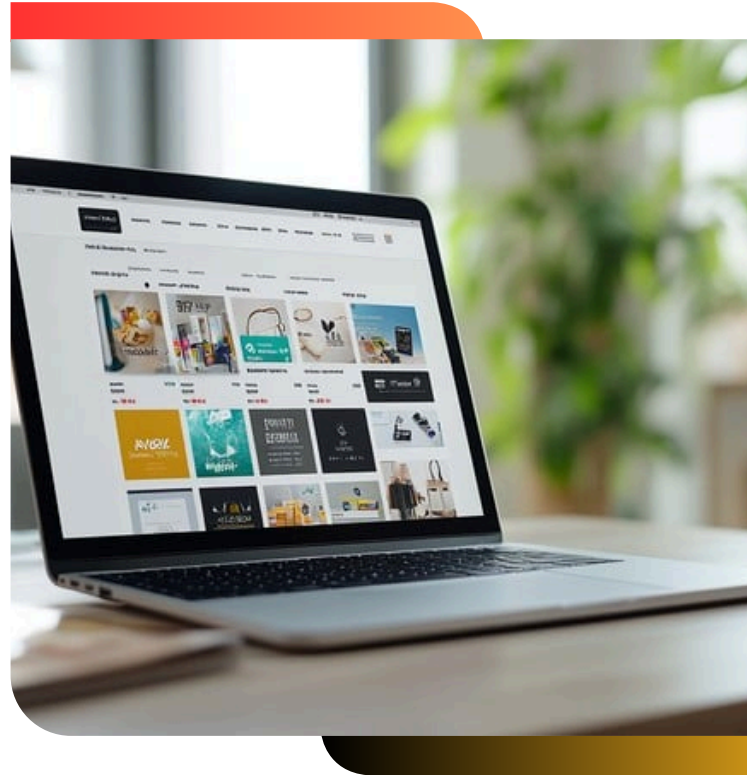
What SNTech gives?

At **SNTech** Global Solutions, we believe world-class training goes far beyond theory and a certificate. We are committed to sculpting truly industry-ready professionals. So, what exactly do our students gain?

- **Deep, Practical Mastery**
- **The In-Demand Skill Set**
- **A Mindset of Innovation**
- **Unwavering Confidence**

We don't just fill your resume; we build your career.

Ready to transform your potential?
Explore our courses and book a demo
with our advisors.



Why SNTech?

SNTech shines in the world of online learning with transparent results, cost-effective programs, optimized customer support, and up-to-date course materials. Our traineeship programs take learning beyond theory, giving students real-world experience and helping them climb the ladder of success.





About the Course

Master SAP ABAP with SNTech!

The world of coding is evolving, and SAP ABAP is at the forefront. With SNTech's SAP ABAP Online Course, you can skill up and become an in-demand professional coder!

Our training takes you from the very basics to advanced concepts, helping you to understand SAP enterprise systems and ABAP development thoroughly.

You'll learn:

- **Core SAP ABAP concepts and language elements**
- **Building reports, interfaces, and program modularization**
- **Real-world enterprise software development techniques**

With hands-on practice and industry-aligned training, SNTech's SAP ABAP course is your gateway to the real-world software industry. Enroll now and start your journey to becoming a professional developer!



COURSE CONTENT

Topic 1 – SAP ERP Introduction

1. What is SAP R/3
2. Purpose of R/3
3. SAP R/3 architecture

Topic 2 – Introduction to ABAP Programming

1. ABAP Statements
2. Statements & keywords
3. ABAP data types
4. Introduction to ABAP Program
5. Global parameters

Topic 3 – Control Statements

1. IF-ELSE/ELSEIF-ENDIF
2. CASE-WHEN-ENDCASE

Topic 4 – Looping

1. Conditional(DO-ENDDO)
2. Un-Conditional(WHILE-ENDWHILE)

Topic 5 – Strings

1. String Operations

Topic 6 – Data Dictionary – SE11

1. Purpose
2. Types of tables
3. Technical requirements to create the table

4. Data types
5. Domain
6. Data element
7. Steps to create the table
8. Structures
9. Foreign key Relationship
10. Views
11. Lock objects
12. Search Helps

Topic 7 – Internal Tables

1. Introduction & Purpose of Internal Tables
2. Declaring internal tables
3. Types of internal tables

Topic 8 – Open SQL

1. Types of commands
2. DDL,DML,DCL commands

Topic 9 – ABAP Debugger

1. Purpose
2. Features
3. Break points
4. Watch Points

Topic 10 – Modularization Techniques

1. Introduction
2. Include programs
3. Macros
4. Subroutines
5. Function Modules

Topic 11 – Reports – SE38

1. Introduction & Purpose
2. Types of Reports
3. Classical Events in Detail
4. Interactive Events in Detail
5. Joins
6. For all Entries

Topic 12 – Batch Data Communication (BDC) – SM35/SHDB

1. Overview of BDC
2. Types of BDC Programming
3. Call Transaction in Detail
4. Session Method in detail
5. Recording in BDC Programming

Topic 13 – LSMW – LSMW

1. Introduction and purpose

Topic 14 – SAP Scripts – SE71

1. Introduction and purpose

Topic 15 – Smartforms – SMARTFORMS

1. Features of smart forms
2. Types of windows
3. Types of text elements
4. Table painter
5. Driver Program
6. Program lines

Topic 16 – Transaction/Dialog/Module Pool Programming – SE80

1. Introduction and purpose
2. Screen painter, menu painter
3. Flow logic & Flow logic Keywords
4. Sub screens & Sub Screen Areas
5. Tab strip control
6. Table control
7. Transaction Code Creation

Topic 17 – BAPI (Business Application Programming Interface) – SE37

1. Introduction to BAPI
2. Standard BAPI
3. Custom BAPI

Topic 18 – ALE (Application Link Enabling) IDOC's

1. Introduction to ALE Technology
2. IDOC's in Detail
3. Inbound IDOC Process
4. Outbound IDOC
5. ALE Communication Settings
6. Custom IDOC development & Programming
7. Change Pointer in ALE/IDOC's

Topic 19 – Object Oriented ABAP – SE24

1. Introduction
2. Advantages of OOPS
3. Data Abstraction
4. Encapsulation
5. Interface
6. Inheritance
7. Polymorphism

Topic 20 – Encapsulation and Abstraction

1. Class definition
2. Class implementation

Topic 21 – Interfaces

1. Interface Definition

Topic 22 – Inheritances

1. Super class and Sub class
2. Types of inheritances

Topic 23 – Events

1. Definition
2. Triggering
3. Handling

Topic 24 – Miscellaneous Concepts

1. Constructor
2. Abstract class
3. Friend class
4. Persistent class
5. Singleton Class

Topic 25 – ALV (ABAP List Viewer)

1. Classical ALV
2. Interactive ALV
3. Blocked ALV
4. Hierarchal ALV
5. Field Catalog



Topic 26 – Enhancement – SE18/SE19

1. Introduction
2. Customer/User exit (Menu exit, Screen exit)
 - Definition
 - Implementation
 - Implicit Enhancement
3. Explicit Enhancement
 - BADI (Business Add-Ins) Definition
 - BADI (Business Add-Ins) Implementation

Topic 27 – Exits – SMOD/CMOD

1. Finding Exits
2. Implementing exits
3. Function module exits
4. Screen exit



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CERTIFICATION



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CERTIFICATE OF COMPLETION

We Hereby Confirm that

_____ has attended & completed the

SAP ABAP

(ADVANCED BUSINESS APPLICATION PROGRAMING)

Certificate obtained via SNTech Global Solutions Training Program on Date: _____

Authorised Signature

Let's Connect



“We succeed when you succeed. Our teams deliver unified solutions that empower growth, efficiency, and lasting success”



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