



SAP SYSTEMS TRAINING

SAP ABAP Programming Fundamentals

5 day course

Classroom, online or in-house

Course overview

Custom code is where a standard system meets a business that does not work the way the software assumed, and it is also where upgrades break and performance problems originate. This course covers writing it responsibly. Delegates work through the development environment and repository, language fundamentals including data types, internal tables and control structures, and database access with the performance rules that separate an acceptable program from one that locks a production system. Modularisation, function modules and classes follow. Reports, selection screens and output are covered. Enhancement and extension techniques are addressed, including why modifying standard code is a decision with a long tail. The course closes on debugging, transport and code review.

What you will learn

- Navigate the development environment and repository
- Use data types, internal tables and control structures correctly
- Access the database within the performance rules that matter
- Modularise using function modules and classes
- Build reports, selection screens and output
- Apply enhancement techniques rather than modifying standard code
- Debug, transport and review code before it reaches production

Who should attend

- Developers new to the platform
- Technical consultants and support staff
- Functional consultants who specify custom development
- IT staff maintaining existing custom code
- Technical leads reviewing development work

Course outline

- 01 Where upgrades break and performance dies
- 02 Development environment and repository
- 03 Data types and internal tables
- 04 Control structures and program flow
- 05 Database access and performance rules
- 06 Modularisation, function modules and classes
- 07 Reports, selection screens and output
- 08 Enhancements, debugging, transport and review

Upcoming dates

Dates	Venue	Format	Fee per delegate
12 to 16 October 2026	Casablanca, Morocco	Classroom	USD 1,325
19 to 23 October 2026	Online	Online	R8,500
16 to 20 November 2026	Pretoria, South Africa	Classroom	R19,950
22 to 26 February 2027	Dar es Salaam, Tanzania	Classroom	USD 1,325



Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afiscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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