



CYBERSECURITY AND IT TRAINING

Vulnerability Management and Penetration Testing

5 day course

Classroom, online or in-house

Course overview

Scanning produces thousands of findings, patching capacity is finite, and the gap between those two facts is where vulnerability management actually happens. This course covers closing it sensibly. Delegates work through asset discovery, because you cannot scan what you do not know about, scanning technique and the difference between authenticated and unauthenticated results, and the prioritisation that accounts for exploitability and exposure rather than severity score alone. Remediation, compensating controls and exception handling follow. Penetration testing is covered from the client side: scoping, rules of engagement, reading a report and telling a real finding from a scanner result. The course closes on measuring the programme and on disclosure handling.

What you will learn

- Discover and maintain an accurate asset inventory
- Run authenticated and unauthenticated scans and interpret the difference
- Prioritise by exploitability and exposure rather than score alone
- Manage remediation, compensating controls and exceptions
- Scope a penetration test and set rules of engagement
- Read a test report and distinguish real findings from scanner output
- Measure the programme and handle external disclosure

Who should attend

- Security analysts and vulnerability managers
- IT administrators responsible for patching
- Security managers commissioning penetration tests
- Internal auditors reviewing technical controls
- Application and infrastructure owners

Course outline

- 01 Thousands of findings, finite capacity
- 02 Asset discovery and inventory
- 03 Scanning technique and authentication
- 04 Prioritisation by exploitability and exposure
- 05 Remediation and compensating controls
- 06 Exception handling and risk acceptance
- 07 Commissioning and scoping a penetration test
- 08 Reading reports, measurement and disclosure

Upcoming dates

Dates	Venue	Format	Fee per delegate
28 September to 2 October 2026	Nairobi, Kenya	Classroom	USD 1,325
7 to 11 December 2026	Online	Online	R8,500
14 to 18 December 2026	Cape Town, South Africa	Classroom	R19,950
21 to 25 December 2026	Johannesburg, South Africa	Classroom	R19,950



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@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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