



CYBERSECURITY AND IT TRAINING

Security Operations and Threat Detection

5 day course

Classroom, online or in-house

Course overview

A security operations capability is judged on how quickly it notices something and how reliably it decides whether that something matters, and most drown in alerts long before either question is answered well. This course covers building one that functions. Delegates work through log sources and what each is actually useful for, the detection engineering that turns a threat behaviour into a rule, and the triage process that separates a real event from noise. Alert tuning is treated as ongoing work rather than setup. Threat intelligence and its practical use are covered. Escalation, handover and case documentation follow. The course closes on measuring detection coverage honestly and on the metrics that mislead.

What you will learn

- Select log sources and know what each is useful for
- Write detection rules from observed threat behaviour
- Triage alerts and separate real events from noise
- Tune alerts continuously rather than only at deployment
- Use threat intelligence practically rather than decoratively
- Escalate, hand over and document a case properly
- Measure detection coverage honestly and avoid misleading metrics

Who should attend

- Security analysts and operations centre staff
- IT administrators taking on security monitoring
- Incident responders
- Security engineers building detection capability
- Managers overseeing a security operations function

Course outline

- 01 Drowning in alerts
- 02 Log sources and their value
- 03 Detection engineering from threat behaviour
- 04 Triage and case creation
- 05 Alert tuning as continuous work
- 06 Threat intelligence in practice
- 07 Escalation, handover and documentation
- 08 Coverage measurement and misleading metrics

Upcoming dates

Dates	Venue	Format	Fee per delegate
30 November to 4 December 2026	Cape Town, South Africa	Classroom	R19,950
11 to 15 January 2027	Online	Online	R8,500
22 to 26 March 2027	Durban, 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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