



## HEALTH, SAFETY AND SECURITY TRAINING

# Perimeter Protection and Intrusion Detection

3 day course

Classroom, online or in-house

## Course overview

A perimeter buys time, and the only question that matters is whether it buys enough of it for a response to arrive, which is a calculation almost nobody does before spending the money. This course starts with that calculation. Delegates work through the delay, detect and respond model and how to time each element on a real site. Threat and vulnerability assessment follows, covering who is likely to attack, with what capability, and where. Physical barriers are covered across fencing types, walls, anti climb measures and vehicle barriers, with the defeat method and delay time of each. Detection technology is addressed: fence disturbance sensors, buried cable, microwave, infrared beams and video analytics, with the environmental conditions that cause nuisance alarms for each. Lighting is covered as both a deterrent and a detection aid. Clear zones and vegetation management follow. Integration of detection with assessment and response is addressed. The course closes on testing a perimeter honestly, on maintenance and on the creep that degrades one over years.

## What you will learn

- Time delay, detection and response on a real site
- Assess threat and vulnerability before specifying anything
- Compare barriers on defeat method and delay time
- Select detection technology against the site's nuisance alarm conditions
- Use lighting for deterrence and assessment
- Maintain clear zones and vegetation control
- Test a perimeter honestly and arrest the creep that degrades it

## Who should attend

- Security managers and consultants
- Facility and estate managers
- Security system designers and installers
- Site engineers specifying perimeters
- Risk managers at high value sites

## Course outline

- 01 A perimeter buys time
- 02 Delay, detect and respond timing
- 03 Threat and vulnerability assessment
- 04 Fencing, walls and anti climb measures
- 05 Vehicle barriers and defeat methods
- 06 Fence sensors, buried cable, microwave and beams
- 07 Video analytics, lighting and clear zones
- 08 Integration, honest testing, maintenance and degradation

## Upcoming dates



| Dates                   | Venue              | Format    | Fee per delegate |
|-------------------------|--------------------|-----------|------------------|
| 28 to 30 September 2026 | Nairobi, Kenya     | Classroom | USD 995          |
| 20 to 22 January 2027   | Harare, Zimbabwe   | Classroom | USD 995          |
| 22 to 24 February 2027  | Online             | Online    | R6,500           |
| 29 to 31 March 2027     | Maputo, Mozambique | Classroom | USD 995          |

### Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** 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](http://www.afrisciencegroup.com), email [info@afriScience.co.za](mailto:info@afriScience.co.za), or WhatsApp us on **+27 63 479 1136**.

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