



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Measure Workplace Illumination Levels with a Luxmeter

Health Sciences and Social Services / Preventive Health

Unit Standard 259627 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to accurately measure illumination levels in a workplace using a luxmeter. Participants will understand the importance of adequate lighting for health, safety, and productivity, and learn to interpret readings against legal and industry standards. The course ensures compliance with South African occupational health and safety regulations.

Category	Health Sciences and Social Services
Subfield	Preventive Health
Unit Standard	259627
Accreditation	SAQA Accredited · NQF Level 2 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct use of a luxmeter to measure illumination levels in various workplace settings.
- Apply appropriate measurement techniques to ensure accurate and reliable readings.
- Analyze illumination data against prescribed legal and industry standards.
- Evaluate workplace lighting conditions to identify areas of non-compliance or risk.
- Report findings and recommend corrective actions to improve workplace lighting.
- Implement routine illumination monitoring as part of a workplace health and safety program.

WHO SHOULD ATTEND

- This course is designed for health and safety officers, facilities managers, and any employee responsible for workplace environment monitoring.
- It is also suitable for those seeking to enhance their technical skills in occupational hygiene.

COURSE OUTLINE

Day 1: Fundamentals of Workplace Illumination Measurement

- Introduction to illumination and its effects on visual performance and safety.
- Overview of the Occupational Health and Safety Act and SANS 10014 lighting standards.
- Key concepts: illuminance, luminance, lux, and light distribution.
- Components and operation of a digital luxmeter: sensor, range, hold function, calibration.
- Step-by-step procedure for measuring illumination levels in a workplace.
- Factors affecting measurement accuracy: sensor orientation, height, reflective surfaces.
- Recording data and comparing against recommended illuminance levels.
- Simple corrective actions: cleaning fixtures, repositioning lights, adding task lighting.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **2 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Mauritius
14 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	17 Aug 2026	On-Campus	Pretoria, South Africa
18 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, UAE

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 259627) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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