



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

Area Integrity Management for Supervisors

Agriculture and Nature Conservation / Nature Conservation

Unit Standard 253964 · NQF Level 5 · 12 Credits · 9 Days

COURSE OVERVIEW

This course equips supervisors with the knowledge and skills to manage area integrity within their operational environment. Participants will learn to identify risks, implement control measures, and maintain compliance with organisational standards to ensure safe and efficient area management.

Category	Agriculture and Nature Conservation
Subfield	Nature Conservation
Unit Standard	253964
Accreditation	SAQA Accredited · NQF Level 5 · 12 Credits
Duration	9 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and assess risks to area integrity using appropriate techniques.
- Implement control measures to mitigate identified risks and maintain area integrity.
- Monitor and evaluate the effectiveness of area integrity management systems.
- Apply relevant legislation, regulations, and organisational policies to manage area integrity.
- Demonstrate effective communication and reporting practices in area integrity management.
- Conduct inspections and audits to verify compliance with area integrity standards.

WHO SHOULD ATTEND

- Supervisors, team leaders, and managers responsible for overseeing work areas and ensuring integrity of operations in industries such as mining, manufacturing, construction, or logistics.

COURSE OUTLINE

Day 1: Introduction to Area Integrity Management

- Overview of area integrity management
- Legal framework: Mine Health and Safety Act, regulations, and codes of practice
- Supervisor accountability and duty of care
- Basic terminology: strata control, support, ventilation, and monitoring
- Case studies of integrity failures

Day 2: Geological and Geotechnical Fundamentals

- Rock types and their behaviour under stress
- Faults, joints, and bedding planes
- Geotechnical mapping and hazard plans
- Rock mass rating (RMR) and Q-system basics
- Stress redistribution around excavations

Day 3: Strata Control and Support Systems

- Principles of rock reinforcement and support
- Types of support: rockbolts, mesh, shotcrete, timber, steel sets
- Support design criteria and installation standards
- Quality control and testing of support elements
- Monitoring support performance

Day 4: Ventilation and Environmental Control

- Ventilation circuits and airflow measurement
- Gas detection: methane, CO, H₂S, oxygen deficiency
- Dust suppression and personal protective equipment
- Heat stress management and cooling systems
- Emergency preparedness: fire and gas escapes

Day 5: Water Management and Inrush Prevention

- Sources of water: aquifers, surface water, old workings
- Water management plans and monitoring boreholes
- Dewatering pumps, pipelines, and sumps
- Barrier pillars and watertight bulkheads
- Emergency response procedures for inrushes

Day 6: Monitoring, Inspection, and Auditing

- Inspection schedules and checklists
- Monitoring instruments: extensometers, stress cells, convergence meters
- Data interpretation and trend analysis
- Reporting formats and communication protocols
- Corrective action planning and close-out

Day 7: Risk Assessment and Hazard Management

- Hazard identification and risk assessment (HIRA) process
- Job safety analysis (JSA) and task observations
- Hierarchy of controls: elimination, substitution, engineering, administration, PPE
- Risk matrices and prioritization

- Reviewing and updating risk registers

Day 8: Emergency Preparedness and Response

- Types of emergencies: fall of ground, fire, explosion, inrush
- Emergency plans, escape routes, and refuge bays
- Incident command structure and communication
- Drill planning and debriefing
- Rehabilitation of affected areas

Day 9: Integration, Review, and Assessment

- Integration of geotechnical, ventilation, water, and risk management
- Supervisor leadership in safety culture
- Continuous improvement and auditing cycles
- Final written assessment and practical demonstration
- Course review and feedback

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 **12 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 35,000.00	R 35,000.00
1	In-House	R 45,500.00	R 45,500.00
1	On-Campus (Pretoria)	R 52,500.00	R 52,500.00

UPCOMING SESSIONS

Start	End	Method	Venue
31 Jul 2026	12 Aug 2026	On-Campus	Dar es Salaam, Tanzania
03 Aug 2026	13 Aug 2026	On-Campus	Johannesburg, South Africa
04 Aug 2026	14 Aug 2026	On-Campus	Mauritius
05 Aug 2026	17 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	19 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	20 Aug 2026	On-Campus	Mauritius

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 253964) 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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