



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

Disaster Prevention And Impact Reduction Strategies Training

Health Sciences and Social Services / Preventive Health

Unit Standard 117016 · NQF Level 3 · 14 Credits · 11 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify potential disasters, assess risks, and implement effective prevention and impact reduction strategies. It focuses on developing practical plans to minimize the effects of disasters in workplace and community settings, aligned with South African regulatory frameworks.

Category	Health Sciences and Social Services
Subfield	Preventive Health
Unit Standard	117016
Accreditation	SAQA Accredited · NQF Level 3 · 14 Credits
Duration	11 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant legislation and regulations to disaster prevention and impact reduction planning.
- Analyze potential disaster risks and vulnerabilities in a specific context using appropriate assessment tools.
- Evaluate existing disaster management plans to identify gaps and areas for improvement.
- Design a comprehensive disaster prevention and impact reduction strategy tailored to organizational needs.
- Implement coordinated response procedures to mitigate disaster impact on people, property, and operations.
- Demonstrate effective communication and collaboration with stakeholders during disaster preparedness and response activities.

WHO SHOULD ATTEND

- This course is designed for safety officers, risk managers, emergency response team members, and supervisors responsible for disaster preparedness and response in corporate, industrial, or public sector environments.

COURSE OUTLINE

Day 1: Introduction to Disaster Prevention and Impact Reduction

- Overview of disaster management terminology
- Disaster risk management cycle
- South African Disaster Management Act and National Disaster Management Framework
- Roles and responsibilities of government, NGOs, and communities
- Case studies of disasters in South Africa

Day 2: Understanding Disaster Risk and Vulnerability

- Hazard identification and classification
- Vulnerability assessment: social, economic, physical, environmental
- Risk analysis techniques (qualitative and quantitative)
- Risk mapping and GIS basics
- Case study: Vulnerability in informal settlements

Day 3: Disaster Prevention Principles and Strategies

- Prevention vs. mitigation vs. preparedness
- Structural measures: building codes, infrastructure
- Non-structural measures: policies, awareness
- Land-use planning and zoning
- Early warning systems: design and implementation
- Ecosystem-based disaster risk reduction

Day 4: Impact Reduction Strategies

- Types of impact reduction: physical, social, economic
- Mitigation strategies: retrofitting, relocation
- Cost-benefit and cost-effectiveness analysis
- Community-based mitigation planning
- Monitoring and evaluation of mitigation measures

Day 5: Disaster Preparedness and Response Planning

- Preparedness cycle: planning, training, exercising
- Contingency planning process
- Resource management and logistics
- Incident Command System basics
- Tabletop exercises and simulations
- Case study: Flood preparedness in KwaZulu-Natal

Day 6: Community Engagement and Participation

- Participatory rural appraisal (PRA) tools
- Community-based disaster risk management (CBDRM)
- Awareness campaigns: strategies and media
- Establishing and training community committees
- Gender and diversity in disaster management
- Case study: Community action in Cape Town fires

Day 7: Communication and Early Warning Systems

- Risk communication: principles and barriers

- Early warning system components: detection, warning, response
- Message design: clear, actionable, targeted
- Communication technologies: SMS, sirens, social media
- Institutional coordination for warnings
- Case study: Tsunami warning systems

Day 8: Monitoring, Evaluation, and Learning

- M&E; indicators for prevention and impact reduction
- Data collection methods: surveys, interviews, sensors
- After-action reviews and lessons learned
- Reporting formats and stakeholder communication
- Adaptive management and continuous improvement
- Case study: M&E; of a flood mitigation project

Day 9: Climate Change Adaptation and Disaster Risk Reduction

- Climate change impacts on hazards and vulnerabilities
- Adaptation strategies: infrastructure, livelihoods
- Climate risk assessment tools
- Mainstreaming adaptation into development
- International frameworks: Sendai Framework, SDGs, Paris Agreement
- Case study: Drought adaptation in the Eastern Cape

Day 10: Legal, Ethical, and Financial Considerations

- Legal framework: Disaster Management Act, environmental laws
- Ethical issues: prioritization, equity, consent
- Funding mechanisms: government budgets, insurance, donor funds
- Proposal writing for project funding
- Financial management and accountability
- Case study: Funding for fire prevention in the Western Cape

Day 11: Integrated Disaster Prevention and Impact Reduction Plan

- Review of key concepts and integration
- Group work: developing a community-level plan
- Presentation of plans to panel
- Peer review and feedback session
- Next steps: implementation and monitoring
- Course evaluation and certification

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 **14 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 38,400.00	R 38,400.00
1	In-House	R 49,900.00	R 49,900.00
1	On-Campus (Pretoria)	R 57,600.00	R 57,600.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	24 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	24 Aug 2026	On-Campus	Mauritius
11 Aug 2026	25 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	26 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	27 Aug 2026	On-Campus	Pretoria, South Africa
14 Aug 2026	28 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	31 Aug 2026	On-Campus	Shenzhen, China
18 Aug 2026	01 Sep 2026	On-Campus	Dubai, 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 117016) 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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