



## 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 Mitigation Measures

Health Sciences and Social Services / Preventive Health

Unit Standard 260382 · NQF Level 4 · 15 Credits · 12 Days

## COURSE OVERVIEW

This course equips learners with the knowledge and skills to implement preventive measures that reduce the potential impact of disasters. It focuses on identifying hazards, assessing risks, and applying mitigation strategies in various settings. Learners will be able to contribute to a culture of safety and resilience within their organisations.

|                 |                                            |
|-----------------|--------------------------------------------|
| Category        | Health Sciences and Social Services        |
| Subfield        | Preventive Health                          |
| Unit Standard   | 260382                                     |
| Accreditation   | SAQA Accredited · NQF Level 4 · 15 Credits |
| Duration        | 12 days                                    |
| Training Method | Online, On-Campus, In-House                |
| Certificate     | Issued via AATICD LMS – verifiable online  |

## LEARNING OUTCOMES

- Identify potential hazards and assess risks that could lead to disasters in a given context.
- Evaluate existing preventive measures and propose improvements to reduce disaster impact.
- Design a basic disaster prevention and mitigation plan for a specific workplace or community.
- Implement monitoring and early warning systems to detect emerging threats.
- Demonstrate appropriate response actions during simulated disaster scenarios.
- Communicate disaster prevention strategies effectively to stakeholders.

## WHO SHOULD ATTEND

- This course is designed for safety officers, health and safety representatives, risk managers, and any employees responsible for disaster prevention and mitigation in the workplace.
- It is also suitable for individuals seeking to enhance their understanding of disaster risk reduction.

## COURSE OUTLINE

### Day 1: Introduction to Disaster Management Concepts

- Overview of Unit Standard 260382
- Key concepts and terminology
- The disaster management cycle
- Prevention vs. mitigation
- Introduction to disaster risk reduction frameworks

### Day 2: Legal and Policy Framework for Disaster Management in South Africa

- Disaster Management Act overview
- Institutional arrangements and governance
- NDMF and its key principles
- Role of municipalities and communities
- Relevant regulations and standards

### Day 3: Hazard Identification and Risk Assessment (HIRA)

- Types of hazards (natural, technological, biological, environmental)
- Risk assessment process steps
- Risk matrix and scoring
- Vulnerability assessment
- Case studies: common hazards in South Africa (floods, fires, droughts, etc.)

### Day 4: Prevention Measures – Structural and Non-Structural

- Structural prevention: engineering controls, infrastructure design
- Non-structural prevention: policy, education, zoning
- Early warning systems and communication
- Maintenance and sustainability of prevention measures
- Examples: fire prevention, flood prevention

### Day 5: Mitigation Measures – Reducing Impact

- Mitigation vs. prevention
- Environmental mitigation: reforestation, wetland restoration
- Technical mitigation: retrofitting, barriers
- Community-based mitigation: training, drills
- Cost-benefit analysis of mitigation measures

### Day 6: Community Engagement and Capacity Building

- Participatory risk assessment
- Public awareness campaigns
- Community-based disaster risk management (CBDRM)
- Volunteer management
- Communication strategies for diverse audiences

### Day 7: Emergency Preparedness Planning

- Emergency plan structure
- Evacuation routes and assembly points
- Resource inventory and logistics
- Communication and coordination protocols

- Tabletop exercise planning

#### **Day 8: Practicals – Hazard Mapping and Risk Assessment Exercise**

- Field exercise: site walkthrough
- Data collection and recording
- Mapping using GIS or manual methods
- Risk prioritization workshop
- Report writing and presentation

#### **Day 9: Practicals – Community Awareness Campaign Design**

- Campaign planning and messaging
- Design of visual aids
- Presentation skills and public speaking
- Feedback and evaluation techniques
- Cultural sensitivity and language considerations

#### **Day 10: Practicals – Emergency Drill and Simulation**

- Drill setup and safety briefing
- Role assignment and communication
- Equipment operation (fire extinguisher, AED)
- Evacuation procedures
- After-action review and reporting

#### **Day 11: Monitoring, Evaluation, and Continuous Improvement**

- Monitoring frameworks and indicators
- Evaluation methods: surveys, interviews, data analysis
- Reporting and documentation
- Adaptive management cycle
- Case studies of successful interventions

#### **Day 12: Integration, Assessment, and Certification**

- Integration exercise: develop a plan for a real community
- Written assessment
- Practical demonstration of skills
- Course review and Q&A;
- Certification process and next steps

## **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 **15 NQF credits** at **NQF Level 4**.

## PRICING (PER DELEGATE, EX-VAT)

| Delegates | Training Method      | Price per Delegate | Total       |
|-----------|----------------------|--------------------|-------------|
| 1         | Online               | R 41,000.00        | R 41,000.00 |
| 1         | In-House             | R 53,300.00        | R 53,300.00 |
| 1         | On-Campus (Pretoria) | R 61,500.00        | R 61,500.00 |

## UPCOMING SESSIONS

| Start       | End         | Method    | Venue                   |
|-------------|-------------|-----------|-------------------------|
| 07 Aug 2026 | 24 Aug 2026 | On-Campus | Cape Town, South Africa |
| 07 Aug 2026 | 24 Aug 2026 | On-Campus | Lagos, Nigeria          |
| 10 Aug 2026 | 25 Aug 2026 | On-Campus | Pretoria, South Africa  |
| 10 Aug 2026 | 25 Aug 2026 | On-Campus | Mauritius               |
| 12 Aug 2026 | 27 Aug 2026 | On-Campus | Abu Dhabi, UAE          |
| 12 Aug 2026 | 27 Aug 2026 | On-Campus | Cape Town, South Africa |
| 14 Aug 2026 | 31 Aug 2026 | On-Campus | Durban, South Africa    |
| 14 Aug 2026 | 31 Aug 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](http://www.aaticd.co.za), open the page for this course (Unit Standard 260382) 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](mailto: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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