



Accredited Africa Training Institute for Capacity Development

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

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Hazard Identification & Risk Assessment (HIRA)

Custom Courses / Governance, Risk and Compliance

Unit Standard AATICD-0289 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to identify hazards and assess risks in the workplace, enabling them to implement effective control measures. It emphasizes a systematic approach to hazard identification and risk assessment, aligning with South African occupational health and safety legislation. By the end of the course, participants will be able to contribute to a safer work environment through proactive risk management.

Category	Custom Courses
Subfield	Governance, Risk and Compliance
Unit Standard	AATICD-0289
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply the principles of hazard identification and risk assessment to workplace scenarios.
- Analyze workplace activities to identify potential hazards and their associated risks.
- Evaluate risks using appropriate risk assessment techniques and matrices.
- Design effective control measures to eliminate or mitigate identified risks.
- Demonstrate the ability to document and communicate risk assessment findings clearly.
- Implement a risk assessment process in accordance with relevant legislation and organizational policies.

WHO SHOULD ATTEND

- This course is designed for health and safety officers, team leaders, supervisors, and any employees responsible for conducting hazard identification and risk assessments in their workplace.
- It is also suitable for those seeking to enhance their understanding of risk management principles in a practical context.

COURSE OUTLINE

Day 1: Foundational Concepts of HIRA

- Introduction to HIRA and its importance.
- Legal framework: OHS Act, Regulations, and standards.
- Hazard vs. risk: definitions and examples.
- Types of hazards and their characteristics.
- Hierarchy of controls: elimination, substitution, engineering, administrative, PPE.
- Introduction to risk assessment methodologies.

Day 2: Risk Assessment Process and Tools

- Steps in risk assessment: hazard identification, risk analysis, risk evaluation.
- Qualitative methods: brainstorming, checklists, what-if.
- Semi-quantitative methods: risk matrix, risk scoring.
- Quantitative methods: fault tree analysis, event tree analysis.
- Risk criteria and tolerability.
- Practical exercise: hazard identification walkthrough.

Day 3: Advanced Risk Assessment Techniques

- Overview of HAZOP (Hazard and Operability Study).
- FMEA (Failure Mode and Effects Analysis) and its uses.
- Job Safety Analysis (JSA) for task-specific risks.
- Bowtie analysis: cause, consequence, and barriers.
- Selecting the appropriate technique for different situations.
- Case studies: applying advanced techniques.

Day 4: Risk Management and Control Implementation

- Risk treatment options: avoidance, reduction, transfer, acceptance.
- Developing control measures and action plans.
- Monitoring and review: leading and lagging indicators.
- Communication and consultation: reporting and documentation.
- Integration with ISO 45001 and safety management systems.
- Emergency preparedness and response planning.

Day 5: Practical Integration and Assessment

- Group project: full HIRA process on a case study.
- Report writing and presentation skills.
- Peer review and feedback.
- Final assessment: written test and practical demonstration.
- Course wrap-up and action planning.

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 2026	On-Campus	London, UK
07 Sep 2026	11 Sep 2026	On-Campus	Mauritius
07 Sep 2026	11 Sep 2026	On-Campus	Pretoria, South Africa
07 Sep 2026	11 Sep 2026	On-Campus	Abu Dhabi, UAE
07 Sep 2026	11 Sep 2026	On-Campus	Harare, Zimbabwe

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 AATICD-0289) 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za