

GLOBAL EXPERTS INSTITUTE FOR TRAINING.  
ISO 9001-2008 TRAINING PROVISION CERTIFIED

## Advanced Security Risk Assessment Techniques

### Schedule Dates:

Start Date	End Date	Place
27 October 2025	31 October 2025	Aha The Rex Hotel – Knysna – South Africa

### **Program Introduction:**

In today's rapidly evolving security landscape, the ability to conduct precise and advanced risk assessments has become a critical skill for safeguarding organizations and critical infrastructure. This course equips participants with the latest advanced methodologies and techniques in security risk assessment, focusing on analytical models, technical tools, and effective mitigation strategies. Combining theoretical foundations with practical applications, participants will engage in real-world case studies and hands-on exercises to ensure immediate applicability of the acquired knowledge in operational environments.

### **Program Objectives:**

- ✓ Understand advanced concepts in security risk assessment.
- ✓ Apply sophisticated methodologies to identify and analyze risks.
- ✓ Utilize modern tools and technologies to measure threat likelihood and impact.
- ✓ Develop proactive mitigation strategies to address risks before they materialize.
- ✓ Design effective and rapid incident response plans.
- ✓ Produce comprehensive analytical reports to support decision-making.
- ✓ Integrate physical security considerations into risk assessments.

### **Who should attend?**

- Security and protection officers in public and private sectors.
- Risk management and business continuity managers.
- Critical infrastructure protection specialists.
- Security consultants across various industries.
- Emergency response and incident management teams.
- Security Professionals with auditing responsibilities
- Risk Managers
- Compliance Officers

## **Program Outlines**

### ***Day One***

#### **Module 1: Advanced Fundamentals of Risk Assessment**

- Core principles of security risk assessment – advanced review.
- Differences between basic and advanced risk assessment approaches.
- Risk classification: operational, strategic, cyber, and physical.

#### **Module 2: Analytical Models and Methodologies**

- Applying ISO 31000 in security contexts.
- PHA and HAZOP methods for sensitive environments.
- Failure Modes and Effects Analysis (FMEA) for security.

### ***Day Two***

#### **Module 3: Complex Threat Analysis**

- Identifying multi-dimensional threats.
- Scenario-based risk analysis.
- Assessing emerging and evolving risks.

#### **Module 4: Tools and Techniques for Risk Assessment**

- Leveraging specialized software for security risk analysis.
- Applying artificial intelligence in security analytics.
- Integrating Geographic Information Systems (GIS) into risk assessment.

### ***Day Three:***

#### **Module 5: Mitigation and Response Planning**

- Designing preemptive mitigation strategies.
- Developing incident response plans.
- Linking emergency preparedness to risk assessment findings.

### ***Day Four:***

#### **Module 6: Physical and Cybersecurity Integration**

- Evaluating cybersecurity risks within a holistic security framework.
- Protecting critical infrastructure assets.
- Managing risks within supply chains.

#### **Module 7: Human and Organizational Factors**

- Assessing risks associated with human factors.
- Insider threat risk management.
- Building a security-conscious organizational culture.

### ***Day Five:***

#### **Module 8: Practical Applications and Case Studies**





- Case Study: Risk assessment for a critical facility.
- Case Study: Cyber risk analysis in corporate environments.
- Hands-on workshop with a professional risk assessment tool.
- Capstone Project: Developing a complete security risk assessment plan.

### Training Methodology:

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

### Cost Quotation in Kuwaiti Dinars

#### The total cost includes:

-  Instructor(s) expenses
-  Training materials
-  Certification
-  Lunch Included

**Total Cost: 1800 KD per Participant**  
( One Thousand Eight Hundred Kuwaiti Dinar )