RISK IDENTIFICATION AND ANALYSIS FOR ORGANIZATIONS

Introduction

Effective organizations do not simply respond to risks—they anticipate, assess, and manage them before they become crises. As businesses operate in increasingly volatile, uncertain, complex, and ambiguous (VUCA) environments, the ability to systematically identify and analyze risks has become a strategic capability essential for sustainable growth, organizational resilience, regulatory compliance, and informed decision-making. The Risk Identification and Analysis course equips professionals with internationally recognized methodologies for identifying, evaluating, and prioritizing risks across strategic, operational, financial, technological, cybersecurity, environmental, legal, compliance, project, and reputational domains. The programme integrates global best practices drawn from ISO 31000:2018 Risk Management Guidelines, the COSO Enterprise Risk Management Framework, PMI Risk Management Standards, and leading governance and compliance frameworks. Participants will develop practical skills in risk identification techniques, enterprise risk mapping, qualitative and quantitative risk analysis, scenario planning, emerging risk assessment, and data-driven decision-making. Through practical workshops, simulations, and case studies, participants will learn how to build enterprise risk registers, evaluate risk exposure, prioritize mitigation efforts, and support strategic business objectives.

Course Objectives

- Understand internationally accepted principles of enterprise risk identification and analysis.
- Apply structured techniques for identifying strategic, operational, financial, compliance, technological, environmental, and emerging risks.
- Conduct qualitative and quantitative risk assessments using industry-standard methodologies.

- Develop enterprise risk registers and organizational risk profiles.
- Apply scenario analysis, sensitivity analysis, stress testing, and Monte Carlo concepts for risk evaluation.
- Prioritize risks using likelihood, impact, velocity, and risk appetite criteria.
- Integrate risk intelligence into organizational planning and decision-making.
- Develop practical recommendations for effective risk treatment and monitoring.

Course Modules

> Module 1: Enterprise Risk Management Foundations

- Principles of Enterprise Risk Management (ERM)
- ISO 31000 Risk Management Framework
- COSO Enterprise Risk Management Framework
- Risk governance and organizational resilience
- Risk culture and leadership
- Organizational risk appetite and risk tolerance
- Categories of organizational risk
- Emerging global risk trends

> Module 2: Strategic Risk Identification Techniques

- Structured risk identification methodologies
- Environmental scanning (PESTLE Analysis)
- SWOT-based risk identification
- Horizon scanning
- Emerging risk identification
- Stakeholder consultation techniques
- Root Cause Analysis
- Brainstorming and Delphi Method
- Process mapping for risk identification
- Lessons learned reviews

> Module 3: Enterprise Risk Mapping and Risk Registers

- Designing enterprise risk registers
- Risk categorization frameworks
- Strategic risk mapping
- Process risk mapping
- Risk ownership assignment

- Risk documentation standards
- Risk interdependencies
- Risk reporting structures
- Enterprise risk dashboards

> Module 4: Qualitative Risk Analysis

- Likelihood and consequence assessment
- Risk impact criteria
- Risk scoring methodologies
- Risk heat maps
- Risk matrices
- Risk velocity assessment
- Risk urgency analysis
- Inherent versus residual risk
- Risk appetite alignment

> Module 5: Quantitative Risk Analysis

- Quantitative risk assessment principles
- Probability distributions
- Expected Monetary Value (EMV)
- Sensitivity Analysis
- Decision Tree Analysis
- Monte Carlo Simulation concepts
- Statistical risk modelling
- Risk exposure calculations
- Confidence intervals
- Forecasting uncertainty

> Module 6: Scenario Planning and Strategic Risk Analysis

- Scenario planning methodologies
- Stress testing techniques
- Black Swan events
- Business disruption analysis
- Strategic foresight
- Risk interdependencies
- Crisis scenario development
- Business resilience planning

P.O Box 7254- 01000
www.trustgatecorporateskills.co.ke
Location Thika & Nairobi

- Decision-making under uncertainty

> Module 7: Risk Prioritization and Decision Support

- Enterprise risk prioritization frameworks
- Multi-Criteria Decision Analysis (MCDA)
- Risk ranking techniques
- Risk appetite-based prioritization
- Cost-benefit analysis
- Decision-support dashboards
- Executive risk reporting
- Risk communication strategies

> Module 8: Integrated Risk Assessment Capstone

- Comprehensive organizational risk assessment
- Development of enterprise risk registers
- Risk mapping and prioritization
- Presentation of risk assessment findings
- Peer review and facilitator feedback
- Action planning for organizational implementation

P.O Box 7254- 01000
www.trustgatecorporateskills.co.ke
Location Thika & Nairobi