

EXPERT

EXPERT & PROFESSIONAL EXCELLENCE FOR TRAINING & CONSULTATIONS

Risk Analysis and Assessment

Course Objectives:

- Understand key risk management concepts.
- Learn to identify risks systematically.
- Apply qualitative methods to assess risk impact and likelihood.

Course Outline:

Module 1: Introduction to Risk Management and Analysis

- Definition and types of risks (strategic, operational, financial, etc.)
- Risk management lifecycle
- Risk vs. uncertainty
- Risk appetite and tolerance
- Overview of ISO 31000 and related standards
- Group discussion: Types of risks in participants' organizations

Module 2: Risk Identification Techniques

- Risk sources (internal vs. external)
- Risk identification methods:
 - ✓ Brainstorming
 - ✓ Checklists
 - ✓ Interviews
 - ✓ SWOT analysis
 - ✓ PESTLE analysis
 - ✓ Historical data review
- Workshop: Identify risks in a case scenario

Module 3: Qualitative Risk Assessment

- Risk probability and impact scales
- Risk matrix and heat maps
- Risk prioritization
- Risk categorization
- Case study: Assess and prioritize project risks

Module 4: Quantitative Risk Assessment

- Risk modeling basics
- Expected Monetary Value (EMV)
- Monte Carlo simulation (introductory)
- Sensitivity and scenario analysis
- Cost-benefit and decision tree analysis

Module 5: Risk Evaluation, Reporting, and Communication

- Risk evaluation criteria
- Risk acceptance and treatment thresholds
- Risk register design and reporting formats
- Communicating risk to decision-makers
- Integrating results into strategic planning

Location	Fairmont Nile City Hotel
Start Date	27 July 2025
End Date	31 July 2025