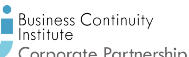


# RISK



## Certificate in Financial Risk Management (CFRM)



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# Course content

## Why Attend

This course aims to enable participants to navigate the financial risks that companies face during their operations. By attending, participants will acquire the knowledge to develop a practical Enterprise Risk Management framework, starting with identifying financial risks, analyzing the identified risks, and finally, planning treatment methodologies to handle those risks. They will also learn to analyze the risks qualitatively and quantitatively using different practical methods, tools, and techniques and stay up to date with the latest trends in the industry.

## Course Methodology

The course uses interactive techniques, such as brief presentations by consultant and participants. The course also features several group exercises and simulations to help participants consolidate the learning experience.

## Course Objectives

By the end of the course, participants will be able to:

- Define the basic terms related to risk and the fundamentals of Enterprise Risk Management
- Execute a qualitative risk analysis to determine the overall risk level
- Perform a quantitative risk analysis by utilizing techniques such as Value at Risk (VaR), Expected Credit Loss (ECL), stress testing, scenario analysis, Monte Carlo simulations, and decision tree analysis
- Develop effective risk-based response and decision-making strategies based on the relative priorities
- Identify risk management maturity within an organization, create a risk register, and monitor the entire process

## Target Audience

This course has been designed for risk managers, risk owners, internal auditors, governance professionals, financial services regulators, project managers, finance managers, functional managers, senior managers, board members, and all individuals interested in Enterprise Risk Management (ERM)

## Target Competencies

- Identifying financial risks
- Assessing financial risks
- Evaluating financial risk responses
- Developing decision-making capabilities
- Monitoring and reporting financial risks



# Course content

## Course Outline

### Introduction to Enterprise Risk Management

Governance, Risk, and Compliance (GRC) framework introduction  
Three lines of defense  
Definition of risk and identification of risk types  
Enterprise Risk Management (ERM) process  
Definition of risk appetite  
Introduction to financial markets and products

### Qualitative Risk Analysis

Brainstorming and Delphi technique  
SWOT analysis  
Risk probability and impact assessment  
Heat maps and risk score  
Risk urgency assessment

### Quantitative Risk Analysis

Credit risk  
Credit analysis  
Credit rating  
Credit portfolio management  
Expected Credit Loss (ECL)  
Market risk  
Classification of instruments and valuation methodologies  
Value at Risk (VaR)  
Stress testing  
Liquidity risk  
Operational risk  
Risk management and investment management methodologies  
Monte Carlo simulation  
Sensitivity and scenario analysis  
Expected Monetary Value (EMV)  
Risk-adjusted performance measures

### Risk Response Strategies and Decision Making

Secondary and residual risks: Risk response strategies  
Calibrating Key Risk Indicators (KRIs)  
Contingency planning strategy  
Incident management  
Decision tree analysis  
Decision-making reconciled with risk appetite

### Assessment of Risk Maturity and Monitoring

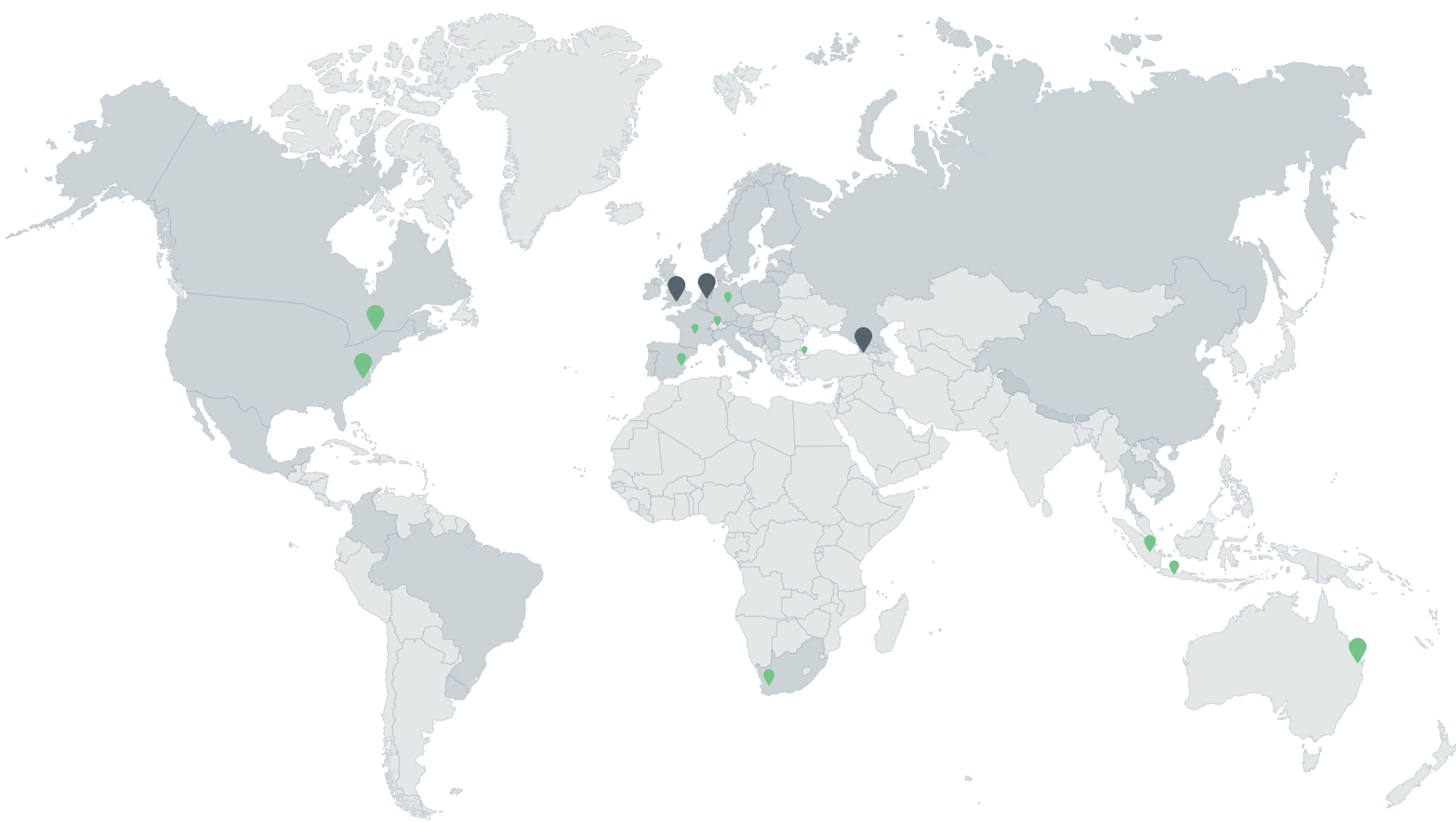
Implementation of a risk register  
Assessment of the risk management maturity  
Risk-based internal audit  
Risk reviews  
Identification of emerging risks and future trends

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[www.informatech.co.uk](http://www.informatech.co.uk)

+44 ( 33 ) 000 111 90

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