QUEST
Professional Center

PROFESSIONAL TRAINING COURSE

Course No. 1868

Advanced Reinsurance Management Training Course

REINSURANCE MANAGEMENT
INSURANCE & RISK MANAGEMENT

DURATION
5 Days

DELIVERY
Classroom

Course Overview

This advanced training course provides a comprehensive framework for managing reinsurance as a strategic component of insurance risk, capital, underwriting, and financial performance. It moves beyond the fundamentals of reinsurance to address advanced programme management, portfolio protection, capital optimization, counterparty management, claims recoveries, and executive decision-making.

The course examines how insurance organizations can evaluate and optimize their reinsurance programmes across proportional and non-proportional arrangements, Treaty and Facultative Reinsurance, catastrophe protection, aggregate covers, and complex multi-layer structures. Participants will learn how to align reinsurance decisions with portfolio characteristics, risk appetite, capital requirements, solvency objectives, and business strategy.

Particular emphasis is placed on advanced reinsurance analytics, including exposure analysis, loss experience, accumulation risk, catastrophe scenarios, stress testing, programme efficiency, retention optimization, and risk-adjusted cost analysis. Participants will also explore how reinsurance affects earnings volatility, capital requirements, liquidity, underwriting capacity, and overall financial resilience.

The programme further addresses strategic governance, reinsurer selection, counterparty risk, renewal strategy, market negotiations, contractual considerations, claims recoveries, and performance monitoring. Through practical exercises and an integrated final workshop, participants will develop the capability to manage complex reinsurance programmes and provide high-quality recommendations to senior management and decision makers.

Objectives

- By the end of this course, participants will be able to:
- Analyze advanced principles and practices of strategic reinsurance management.
- Evaluate complex reinsurance programmes against portfolio exposures and risk appetite.
- Optimize retention, limits, layers, and reinsurance capacity.
- Assess proportional and non-proportional reinsurance structures for different portfolios.
- Evaluate Treaty and Facultative Reinsurance strategies and their financial implications.

- Apply advanced exposure, loss, scenario, and stress-testing techniques.
- Analyze the impact of reinsurance on capital, solvency, liquidity, profitability, and earnings volatility.
- Evaluate reinsurer financial strength, counterparty exposure, and concentration risk.
- Develop effective reinsurance renewal and market negotiation strategies.
- Improve claims recovery and reinsurance recoverables management.
- Establish advanced governance, monitoring, reporting, and performance frameworks.
- Develop strategic recommendations for optimizing reinsurance programmes and improving long-term financial resilience.

Who Should Attend

This course is designed for experienced insurance and reinsurance professionals responsible for managing, evaluating, or optimizing reinsurance programmes. It is particularly relevant to reinsurance managers, underwriting managers, risk managers, portfolio managers, actuarial professionals, capital and solvency specialists, and insurance finance professionals.

It is also suitable for professionals involved in Treaty and Facultative Reinsurance, catastrophe protection, reinsurance recoveries, counterparty risk, portfolio risk, programme renewal, and strategic insurance planning.

The programme is especially valuable for senior managers, executives, and decision makers who are responsible for approving reinsurance strategies, evaluating programme effectiveness, managing capital and solvency considerations, or making strategic decisions regarding risk transfer and portfolio protection.

Learning Outcomes

- Upon completion of this course, participants will be able to:
- Evaluate complex reinsurance structures and their strategic suitability.
- Analyze portfolio exposures and determine optimal risk retention levels.
- Design and evaluate multi-layer reinsurance programmes.
- Assess the effectiveness of proportional and non-proportional protection.

- Evaluate Treaty and Facultative Reinsurance strategies within an integrated programme.
- Analyze accumulation, concentration, catastrophe, frequency, and severity risks.
- Apply stress testing and scenario analysis to evaluate programme resilience.
- Assess the impact of reinsurance on capital requirements and solvency.
- Evaluate reinsurance cost, protection efficiency, and risk-adjusted programme value.
- Assess reinsurer counterparty strength and concentration exposure.
- Improve the management of reinsurance recoverables and claims settlements.
- Develop effective renewal strategies and negotiation positions.
- Establish advanced reinsurance risk indicators and monitoring mechanisms.
- Strengthen governance and reporting for senior management and Board-level decisions.
- Develop strategic recommendations for continuous reinsurance programme optimization.

Course Outline

DAY 01

Advanced Reinsurance Strategy & Programme Management

- Strategic role of reinsurance within the insurance business model.
- Integrating reinsurance with enterprise risk management.
- Reinsurance, capital protection, solvency, and underwriting capacity.
- Advanced portfolio exposure analysis.
- Risk appetite and reinsurance strategy alignment.
- Proportional and non-proportional reinsurance structures.
- Treaty and Facultative Reinsurance within an integrated strategy.
- Catastrophe, aggregate, and specialized protection.
- Complex programme structures and multi-layer arrangements.
- Strategic evaluation of reinsurance programme effectiveness.

PRACTICAL APPLICATION

Assess an existing reinsurance programme and identify strategic improvement opportunities.

DAY 02

Advanced Programme Design, Retention & Optimization

- Determining optimal risk retention.
- Retention versus transfer trade-offs.
- Designing reinsurance layers and programme limits.
- Attachment and exhaustion point analysis.
- Capacity optimization and protection gaps.
- Accumulation and concentration management.
- Portfolio segmentation and exposure aggregation.
- Programme alternatives and comparative analysis.
- Reinsurance cost versus risk reduction.
- Risk-adjusted programme optimization.

PRACTICAL APPLICATION

Design and compare alternative reinsurance structures based on risk, cost, capital, and protection requirements.

DAY 03

Advanced Risk Analytics, Capital & Stress Testing

- Advanced analysis of frequency and severity.
- Loss experience and exposure-based analysis.
- Catastrophe and accumulation risk assessment.
- Scenario analysis and adverse-event modelling.
- Stress testing reinsurance programmes.
- Reverse stress testing and identification of programme vulnerabilities.
- Counterparty failure and delayed recovery scenarios.
- Impact on capital, solvency, liquidity, and earnings.
- Evaluating reinsurance protection under extreme conditions.
- Linking analytical results to management actions.

DAY 03 — CONTINUED

> **PRACTICAL APPLICATION**
> Conduct an integrated reinsurance stress-testing exercise and evaluate capital and solvency implications.

DAY 04

Reinsurer Management, Contracts & Recoveries

- Strategic reinsurer selection and panel management.
- Assessing reinsurer financial strength and credit quality.
- Counterparty concentration and diversification.
- Monitoring reinsurer performance and financial condition.
- Contractual structures, obligations, exclusions, and coverage limitations.
- Managing complex claims and reinsurance recoveries.
- Recoverables ageing and collection risk.
- Disputes, delays, and recovery uncertainty.
- Reinsurance administration, data quality, and operational controls.
- Developing counterparty risk mitigation strategies.

> **PRACTICAL APPLICATION**
> Evaluate a reinsurer panel and develop a counterparty and recoverables management strategy.

DAY 05

Executive Reinsurance Management, Renewal & Continuous Optimization

- Advanced reinsurance programme performance management.
- Measuring programme effectiveness and risk-adjusted value.
- Preparing for annual renewal and market negotiations.
- Developing negotiation strategies and alternative programme scenarios.
- Evaluating market conditions and programme pricing considerations.

DAY 05 — CONTINUED

- Strategic recommendations for retention and protection changes.
- Integrating reinsurance with capital and business planning.
- Executive reporting and Board-level decision support.
- Advanced reinsurance risk indicators and early-warning mechanisms.
- Building a continuous optimization framework.

FINAL WORKSHOP

Develop an advanced reinsurance management strategy covering portfolio analysis, risk appetite, programme structure, retention, layers, capacity, capital impact, stress testing, reinsurer selection, recoverables, renewal strategy, governance, executive reporting, and continuous optimization.

Register or Request More Information

Course page: https://quest-training.com/courses/advanced-reinsurance-management-training-course
Website: https://quest-training.com
Email: info@quest-training.com
Phone: +905016771440