



Advanced Corporate Finance, Investment Strategy, and Risk Intelligence Masterclass

9 – 13 August 2027
New York (USA)





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Ref: 121337_1028387 **Date:** 9 – 13 August 2027 **Location:** New York (USA) **Fees:** 7900 Euro

Introduction

This program delivers a high-level deep dive into financial analysis, strategic investment evaluation, and advanced corporate growth frameworks. It's built for participants who need to interpret financial signals, optimize investment decisions, and navigate complex corporate strategy environments with precision.

The course integrates financial ratio intelligence, distress-prediction models, capital market theory, pricing methodologies, and strategic risk evaluation into a cohesive, applied learning experience. It builds deep analytical and strategic capabilities in evaluating financial health, identifying investment risk, forecasting financial performance, and executing sustainable investment and growth strategies at an advanced level.

Targeted Groups

- Senior financial analysts.
- Investment managers and portfolio strategists.
- Corporate finance professionals.
- Risk managers and business strategists.
- CFO-track professionals and executive decision-makers.
- M&A and corporate development teams.

Training Course Objectives

By the end of this program, participants will be able to:

- Master advanced financial ratio interpretation for decision-making.
- Measure ROI using both classical and modern value-creation frameworks.
- Predict financial distress using quantitative and qualitative indicators.
- Identify high-value investment opportunities using structured analytical models.
- Build sustainable investment portfolios aligned with long-term risk-return goals.
- Apply capital market theory and major asset pricing models with precision.
- Assess, quantify, and mitigate investment risks across internal and external domains.
- Evaluate corporate strategy options, including growth, joint ventures, mergers, and acquisitions.

Targeted Competencies

- Advanced financial analysis.
- Investment strategy design.
- Quantitative risk modeling.
- Strategic decision-making.
- Corporate financial planning.
- Market and macroeconomic assessment.
- M&A and growth scenario evaluation.

Course Content

Unit 1: The Use of Financial Ratios and Measuring Return on Investment:

- Deep Financial Ratio Interpretation:
 - Liquidity ratios: short-term resilience and operational solvency.
 - Profitability ratios: margins, returns, and performance health.
 - Efficiency ratios: asset utilization and turnover intelligence.
 - Leverage ratios: capital structure quality and debt sustainability.
 - Market ratios: valuation signals, investor confidence metrics.
 - Integrating ratios into decision dashboards.
 - Cross-comparison benchmarking and industry-adjusted analysis.
- Advanced ROI Measurement:
 - ROI vs. ROE vs. ROA: strategic differences.
 - EVA, MVA, and other value-creation indicators.
 - Cash-flow-based ROI modeling.
 - ROI sensitivity testing under changing financial conditions.
 - Measuring ROI in long-term projects and uncertain markets.

Unit 2: Predicting Financial Distress and Identifying Investment Opportunities:

- Financial Distress Prediction Models:
 - Altman Z-score and its modern variations.
 - Ohlson O-score, logit models, and hybrid machine-learning indicators.
 - Early-warning signals from ratio deterioration.
 - Cash-flow vulnerability analysis.
 - Market-based distress indicators volatility, credit spreads, bond yields.
 - Stress testing and scenario forecasting.
- Identifying High-Potential Investment Opportunities:
 - Market screening and trend analysis.
 - Growth-stage vs. mature-market opportunities.
 - Discounted cash flow investment screening.
 - Behavioral finance considerations.
 - Industry structure mapping and competitor movement analysis.

Unit 3: Sustainable Investment Strategies, Capital Market Theory, and Asset Pricing Models:

- Sustainable and ESG-Aligned Investment Approaches:
 - ESG metrics and performance scoring.
 - Integrating sustainability factors into portfolio construction.
 - Long-term environmental, governance, and social risk mapping.
 - Sustainable return optimization frameworks.
- Capital Market Theory:
 - Efficient market hypothesis EMH and its implications.
 - Modern portfolio theory MPT.
 - Portfolio diversification and efficient frontier construction.
 - Systematic vs. unsystematic risk interpretation.
- Asset Pricing Models:
 - CAPM: cost of equity and risk-return dynamics.
 - Fama-French multi-factor models.
 - APT model and factor-based return drivers.
 - Practical applications in valuation and portfolio assessment.

Unit 4: Identifying, Analyzing, and Estimating Investment Risk Internal & External:

- Internal Risk Mapping SWOT Analysis:
 - Strength assessment tied to financial leverage, capabilities, and market power.
 - Weakness detection through deterioration in ratios and operational inefficiencies.
 - Opportunity identification in capacity, innovation, and competitive gaps.
 - Threat analysis derived from liquidity strain, structural fragility, or strategic misalignment.
- External Risk Mapping PESTLE Analysis:
 - Political instability modeling and regulatory risk exposure.
 - Economic cycles, inflation behavior, and interest rate risk.
 - Social trend shifts and evolving consumer preferences.
 - Technological disruptions and their strategic impact.
 - Legal and compliance risk landscape.
 - Environmental risk exposure and sustainability compliance.
- Quantifying Investment Risks:
 - Value at Risk VaR modeling.
 - Sensitivity and scenario assessment.
 - Risk-adjusted return metrics.
 - Contingency planning and mitigation modeling.

Unit 5: Corporate and Financial Strategy, Growth Strategies, and Joint Ventures, Mergers & Acquisitions:

- Corporate & Financial Strategy Integration:
 - Strategic alignment between finance and corporate vision.
 - Capital allocation and portfolio optimization.
 - Corporate restructuring and strategic repositioning.
 - Long-term financial sustainability planning.
- Growth Strategies:
 - Organic growth drivers: innovation, operational excellence, market expansion.
 - Inorganic growth models: acquisitions, alliances, licensing.
 - Competitive positioning and differentiation frameworks.
 - Scaling strategies for high-growth environments.
- Joint Ventures, Mergers & Acquisitions:
 - Identifying strategic fit and potential.
 - Valuation methods in M&A DCF, comparables, precedent transactions.
 - Due diligence frameworks financial, operational, legal.
 - Post-merger integration and performance tracking.
 - Risk mapping in JV and M&A scenarios.