

CERTIFIED BANKING PORTFOLIO PROFESSIONAL (CBPP)

COURSE OVERVIEW

The Certified Banking Portfolio Professional (CBPP) program is an advanced, practical course designed to equip banking professionals with the skills to optimize portfolios, manage risk-adjusted returns, and balance assets and liabilities effectively. Participants will gain in-depth knowledge of portfolio management techniques, asset allocation strategies, and performance measurement tools. The program emphasizes strategic decision-making through case studies, hands-on exercises, and advanced analytical methods. By the end of the course, participants will be able to implement robust portfolio strategies that align with regulatory requirements and institutional objectives, enhancing overall financial performance.

TARGET COMPETENCIES

- Portfolio Optimization
- Asset-Liability Management
- Risk-Adjusted Performance
- Strategic Asset Allocation
- Investment Analytics
- Regulatory Compliance Knowledge
- Performance Monitoring

TARGET AUDIENCE

Portfolio managers, asset managers, treasury officers, risk managers, financial analysts, and banking professionals involved in investment and portfolio management.

COURSE OBJECTIVES

By the end of this course, attendees will be able to:

- Analyze and optimize banking portfolios for risk-adjusted returns.
- Apply asset-liability management techniques to balance risks and returns.
- Evaluate investment performance using advanced metrics.
- Develop strategic asset allocation plans.
- Implement risk management frameworks for portfolios.
- Interpret regulatory requirements affecting portfolio management.
- Prepare actionable portfolio reports for senior management.
- Monitor and adjust portfolio strategies in dynamic market conditions.

COURSE METHODOLOGY

The course combines lectures, practical case studies, hands-on workshops, group discussions, and portfolio simulations to reinforce strategic learning and real-world application.

COURSE OUTLINE

PORTFOLIO OPTIMIZATION

- Principles of Portfolio Optimization
 - Risk-return trade-off in portfolio selection
 - Diversification benefits and correlation analysis
 - Efficient frontier concept
- Modern Portfolio Theory (MPT)
 - Mean-variance optimization
 - Capital Market Line (CML) and Security Market Line (SML)
 - Portfolio construction techniques
- Optimization Tools and Techniques
 - Excel and software-based optimization methods
 - Constraint handling in portfolio models
 - Scenario-based optimization
- Risk-Return Analysis
 - Measuring expected returns and volatility
 - Sharpe, Treynor, and Sortino ratios
 - Performance benchmarking

ASSET-LIABILITY MANAGEMENT (ALM)

- ALM Fundamentals
 - Definition and objectives of ALM
 - Importance in banking operations
 - Regulatory requirements overview
- Interest Rate Risk Management
 - Gap analysis
 - Duration and convexity measures
 - Hedging strategies
- Liquidity Risk Management
 - Funding gaps and liquidity metrics
 - Contingency funding planning
 - Stress testing liquidity positions
- ALM Techniques and Tools
 - Asset-liability matching
 - Simulation models and scenario analysis
 - Risk monitoring dashboards

RISK-ADJUSTED PERFORMANCE

- Performance Measurement Metrics
 - Risk-adjusted return concepts
 - Sharpe, Treynor, and Information ratios
 - Benchmarking and performance attribution
- Risk Decomposition
 - Credit, market, and operational risk contributions
 - Volatility and downside risk measures
 - Correlation and covariance analysis
- Portfolio Stress Testing
 - Scenario analysis for adverse market conditions
 - Sensitivity analysis of portfolio returns
 - Stress test interpretation
- Advanced Performance Analytics
 - Multi-factor risk models
 - Regression and factor analysis
 - Quantifying active vs. passive performance

STRATEGIC ASSET ALLOCATION

- Asset Allocation Principles
 - Strategic vs. tactical allocation
 - Diversification across asset classes
 - Long-term portfolio strategy
- Investment Policy Development
 - Risk tolerance and investment objectives
 - Policy statement formulation
 - Guidelines for portfolio management
- Scenario-Based Allocation
 - Market scenario simulations
 - Rebalancing strategies
 - Stress impact on allocations
- Alternative Assets and Diversification
 - Inclusion of fixed income, equities, and alternatives
 - Benefits and risks of alternative investments
 - Correlation with traditional assets

COURSE OUTLINE

INVESTMENT ANALYTICS

- Quantitative Analytics Tools
 - Statistical methods in portfolio analysis
 - Risk and return modeling
 - Scenario simulations
- Advanced Portfolio Modeling
 - Mean-variance optimization applications
 - Multi-asset and multi-factor modeling
 - Stress testing portfolio performance
- Performance Attribution
 - Attribution to asset allocation vs. security selection
 - Risk contribution analysis
 - Benchmark comparison techniques
- Integration of Analytical Models
 - Combining market, credit, and liquidity factors
 - Enterprise-wide portfolio risk assessment
 - Capital adequacy considerations

PERFORMANCE MONITORING AND REPORTING

- Importance of Monitoring
 - Continuous tracking of portfolio performance
 - Early warning indicators
 - Decision-making support
- Performance Reporting Frameworks
 - Report structure and key metrics
 - Dashboards and visualization tools
 - Communication to stakeholders
- Strategic Insights from Data
 - Identifying trends and risks
 - Benchmark comparisons
- Regulatory Reporting Requirements
- Capstone Project

REGULATORY COMPLIANCE KNOWLEDGE

- Global and Local Regulations
 - Basel III capital and liquidity standards
 - Local portfolio guidelines
 - Compliance reporting obligations
- Governance and Oversight
 - Risk committees and reporting lines
 - Internal audit and review functions
 - Board-level oversight responsibilities
- Regulatory Risk Management
 - Identifying compliance gaps
 - Mitigation of regulatory risk
 - Reporting frameworks and templates
- Integration into Portfolio Management
 - Aligning portfolio strategy with regulatory limits
 - Continuous monitoring and updates