



EXPERIENCED PROFESSIONAL CERTIFICATE IN **Finance**

Certificate Description

This certificate provides professionals the opportunity to enhance understanding of finance principles in today's business environment.

Financial Instruments—FINA 315—The course will examine each of the securities markets, the instruments available in these markets and putting the different investments into perspective. The course will introduce the students to the characteristics of the major investors and the terminology used in the securities markets.

Outcomes:

- Examine each of the security markets available to investors.
- Identify each of the instruments available to investors in the individual security markets.
- Demonstrate the advantages and disadvantages available to investors on each of the investments traded in the different security markets.
- Determine and analyze the impact of betas and alphas on financial instruments traded in securities markets.
- Examine CAPM pricing model and its relationship to risk and returns on financial instruments.
- Assess and make recommendations on different portfolio strategies in minimizing financial risk on financial instruments.

Capital Planning—FINA 320—The course focuses on financial management techniques related to capital expenditure and investment decision making. Topics include short-term and strategic implications of capital expenditure decisions, developing an integrated approach to capital expenditure decision-making process on sound concepts and their managerial implications.

Outcomes:

- Demonstrate knowledge of risk management techniques on the CAPEX decision making process.
- Examine the tools used in evaluating and prioritizing capital projects for decision making.
- Examine ongoing evaluation techniques of capital projects and outcomes.
- Review and make recommendations on project financing techniques to minimize risk on capital planning projects.
- Examine short and long term strategies on capital planning decision making.
- Identify risks and internal controls when implementing a capital planning process.



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Funds Acquisition—FINA 325—This course examines the alternatives available to management in acquiring funds and related costs and risks. Topics include matching projects with funds acquired, assessing risk of projects with funds, and developing strategies on acquiring funds.

Outcomes:

- Identify funds acquisition alternatives available to management and related risks.
- Examine and make recommendation on minimizing risk of acquisition of funds.
- Review calibration techniques utilized by management on funds acquisition with various projects.
- Prioritize funds acquisition alternatives available to management.
- Evaluate and make recommendations on optimal funding acquisition techniques.
- Examine financial reporting and regulatory reporting requirements on funds acquisition strategies.

Assets and Debt Management—FINA 330—The course will examine details of managing client's assets including allocation, selection and management in a tax and estate in efficient manner.

Outcomes:

- Examine the basic concepts of structured finance and asset securitization.
- Demonstrate an understanding of legal, credit, and structural framework for the transactions taking place in the structured finance markets.
- Analyze and make recommendations on asset selection and allocation to meet client needs.
- Examine the impact of estate and other tax considerations to provide optimal financial outcomes.
- Analyze the role of the players in the structured finance market and the motivations behind transactions.
- Demonstrate knowledge in the area of derivative technology applied to financing concepts.

Investment—FINA 405—This course focuses on securities and securities markets. Topics include analysis of various categories of corporate securities, public securities, and other investments, types of risks and taxes that affect investment policy timing, selection and investment values.

Outcomes:

- Critically appraise underlying fundamentals of markets, market terms and market structure.
- Apply and describe the concepts of investing, risk and returns
- Investigate theories underlying efficient market assumptions and compare these assumptions to real world analysis and empirical studies
- Apply modern portfolio theory and use it as a benchmark for present day portfolio management.
- Apply the basics of fundamental stock analysis, bond analysis, and technical analysis
- Identify reasons for investing internationally, and discuss mature and emerging markets.
- Critique the role of derivative assets in the investment world, and professional equity portfolio management.
- Analyze the role of mortgage-backed securities, securitization of markets and delineate types of investment companies.
- Demonstrate knowledge in the area of derivative technology applied to financing concepts.



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Budgeting—FINA 425—This course will provide fundamental understanding of budgeting, budgeting process and includes a practical guide for preparing financial budgets.

Outcomes:

- Why it is important for an organization, project or department to have a budget.
- Who should be involved in budgeting
- Critically appraise budgeting operational plans, cost categories and budgeting guidelines.
- Identify the different kinds of budgets, and different budgeting techniques.
- Analyze the cost of capital, capital budgeting, debt instruments and markets
- Identify some budgeting issues including format, and budget monitoring

Financial Policy and Strategy—FINA 430—This course focuses on the theory of the firm, strategic options, the financing of corporate strategies, strategic positioning, and corporate governance. Theories are used to examine the forces and factors that influence the strategies pursued by corporations and the governance of those firms. Focus is placed on quantitative and qualitative analysis of financial policies based on readings and empirical research.

Outcomes:

- Appraise the role of financial analysis and planning
- Critique working capital management concepts
- Assess capital structure and the cost of capital
- Explain capital budgeting and asset valuation concepts.
- Identify issues in international finance