



345-P25-CE



In-Class



30 hours

Course Description:

This course is designed for finance professionals, business managers, students, and certification candidates to master quantitative corporate finance skills through practical, real-world applications. Participants will analyze financial statements, evaluate investment opportunities, and optimize capital structures.

Target Audience:

- **Finance Professionals:** Individuals in financial institutions, investment firms, or corporate finance roles aiming to deepen their expertise in financial analysis, valuation, and corporate transactions.
- **Business Managers and Executives:** Decision-makers seeking to strengthen their ability to interpret financial statements, assess investment options, and understand financing impacts.
- **Students and Recent Graduates:** Aspiring finance professionals looking to build a strong foundation in corporate finance principles for career entry.
- **Certification Candidates:** Individuals preparing for credentials like CFA or CFP, needing a comprehensive grasp of relevant corporate finance topics.

Course Objectives

- Apply financial mathematics and quantitative tools, such as holding period return (HPR) and discounted cash flows, to evaluate investment opportunities and make informed financial decisions in corporate scenarios.
- Utilize financial statement analysis techniques to assess a company's financial health and support lending or investment decisions under Egyptian regulatory frameworks.
- Calculate statistical measures like variance, standard deviation, and NPV to analyze investment risks and returns, enabling effective portfolio management in volatile markets.
- Implement various valuation methods (e.g., DCF, relative valuation) to determine a company's worth for mergers, acquisitions, or investment purposes in real-world contexts.
- Use knowledge of corporate transactions to evaluate the feasibility and financing options of corporate transactions.

Course Outline

Module One: Quantitative Methods for Corporate Finance

- Introduction.
- Three Fundamental Financial Principles.
- Three Key Quantitative Tools for Corporate Finance.
- Financial Mathematics.
- Risk and Return of Investments.
- Holding Period Return (HPR).

Module Two: Introduction to Financial Statements

- Why Analyse Financial Statements?
- Egyptian Company Law - Key Legislation.
- Financial Statements.
- Audit Report.
- Annual Reports.
- Who Uses Financial Statements?

Module Three: Measuring Returns and Risk

- Measuring Average Return.
- Historic Returns and Expected Returns.
- Measuring Risk – Variance and Standard Deviation.
- Correlation and Covariance.
- Discounted Cash Flows – Present Value.
- Net Present Value (NPV): Evaluating Investments.
- Internal Rate of Return (IRR): The Project's True Return.

Module Four: Introduction to Business Valuations

- Enterprise Value and Equity Value.
- Market Value.
- Transaction Value.
- Break-Up Value.
- Asset-Based Valuations.
- Dividend-Based Valuations.
- Relative Valuation.
- Discounted Cash Flow (DCF) Method.



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Module Five: Corporate Transactions

- Mergers and Acquisitions (M&A).
- Motivation for Divestiture and Demerger.
- Financing Acquisitions.
- Private Equity Transactions.
- Quoted Equity Transactions.
- Initial Public Offerings (IPOs).

Assessment Strategy:

Participants will be assessed formally through end of course exam.

Upon Successful Completion of this Course, participants will obtain:

2.4 CEUs.

Course Language:

English.

Prerequisites:

Intermediate level of English.