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Course Modules

Getting Started



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Chapter One - Introduction to Corporate Finance



Chapter One - Introduction to Corporate Finance

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Chapter Two - Financial Statements and Cash Flow



Chapter Two - Financial Statements and Cash Flow

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Chapter Three - Corporate Financial Models and Long Term Planning

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- ☐ [Solving for Present Value \(PV or C0 or Ct\) and Discounting](#)
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- ☐ [Solving for the holding horizon \(T\)](#)
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Chapter Four Appendix A - Net Present Value: First Principles of Finance

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Chapter Five - NPV and Other Investment Rules

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- ☐ [The Average Accounting Return \(AAR\) Method](#)
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Chapter Six - Making Capital Budgeting Decisions

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Chapter Seven - Strategy and Analysis in Using Net Present Value

 Overview and Learning Objectives

 Corporate Strategy and Positive NPV

 Decision Trees

 Sensitivity Analysis and Scenario Analysis

 Break-even Analysis

 Options

 Self-Assessment

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Chapter Ten - Risk and Return: Lessons from Market History

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Chapter Ten - Risk and Return: Lessons from Market History

 Overview and Learning Objectives

 Single Period Returns

 Holding-Period Return

 Return and Risk Statistics

 Average Stock Returns and Risk-Free Returns

 Self-Assessment

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Chapter Eleven - Risk and Return: Capital Asset Pricing Model (CAPM)

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Chapter Eleven - Risk and Return: Capital Asset Pricing Market (CAPM)


 Overview and Learning Objectives

 Individual Securities and Their Return and Risk Measures

 Numerical Illustration

 The Return and Risk for Portfolios

 The Efficient Set and The Diversification Effect

 The Separate Theorem

 The Capital Asset Pricing Model (CAPM)


 Self-Assessment

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Chapter Thirteen - Risk, Cost of Capital, and Capital Budgeting

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Chapter Thirteen - Risk, Cost of Capital, and Capital Budgeting

 Overview and Learning Objectives

 General Concepts on the Cost of Capital

 The Cost of Equity Capital

 Estimation of Beta

 Determinants of Beta

 Extensions of the Basic Model

 A Numerical Illustration

 Self-Assessment

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Chapter Fourteen - Efficient Capital Markets and Behavioral Challenges

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Chapter Fourteen – Efficient Capital Markets and Behavioral Challenges

 Overview and Learning Objectives

 A Description of Efficient Capital Markets

 The Different Types of Efficiency

 The Evidence and Challenges


 Implications for Corporate Finance

 Supplemental Problems

 Self-Assessment

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Introduction to Derivatives and Exchange Rates (OPTIONAL)

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Introduction to Derivatives and Exchange Rates

 Overview and Learning Objectives

 Derivatives: Their Basics and Functions

 Forward and Futures Contracts

 Exchange Rates & Daily Settlement of Currency Futures

 Hedging and Speculating

 Swaps

 Cross Exchange Rate & Triangle Arbitrage

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Chapter Eight - Interest Rates and Bond Valuation

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 Overview and Learning Objectives


 Bond Valuation and Concepts

 Basic Bond Features and TVM Notations

 Pure Discount Bonds

 Level Coupon Bonds

 Bond Concepts

 Government and Corporate Bonds

 Bond Markets

 Inflation and Interest Rates

 Determinants of Bond Yields

 Self-Assessment

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Chapter Nine - Stock Valuation

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 Overview and Learning Objectives

 Valuation of Financial Securities

 The Intrinsic Value of Stocks


 Case 1: Zero Growth

 Case 2: Constant Dividend Growth

 Case 3: Differential (Multi-Stage) Growth

 Estimation and Properties of Stock Value

 Growth Opportunities and the NPVGO Model

 Price Earnings and Other Price Ratios

 Stock Market Basics and Reporting

 Self-Assessment

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