



A Professional Africa



Financial Markets Digital Library

Library of online courses containing 300+ hours of content across 30+ topics

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Accounting

Current Assets

- Cash
- Accounts Receivable
- Inventory
- Prepaid Expenses and Other Current Assets
- Final Test

FASB Accounting Standards Codification

- FASB Accounting Standards Codification
- Codification Structure
- GAAP References
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Income Statement Analysis

- Margin Analysis
- Interest Income / Expense and other Income
- Taxation and the Income Statement
- The Timing of Tax Payments
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International Financial Reporting Standards (IFRS)

- IFRS for the Rest of U.S.
- Companion with GAAP
- Convergence Issues and Conclusions
- Final Test

Introduction to Accounting

- Introduction
- Accounting Principles
- Accounting Framework
- Conclusion
- Final Test

Liabilities and Equity

- Introduction
- Liabilities Components
- Equity Components
- Final Test

Long-Term Assets

- PP&E: Depreciation and Age
- Depreciation Methods for Long-Term Assets
- Depreciation and the Income Statement
- Intangible Long-Term Assets
- Final Test

Ratio Analysis

- Profitability
- Capital and Efficiency and Working Capital
- Financial Management
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The Balance Sheet

- Financial Analysts and the Annual Report
- Balance Sheet Components
- Balancing the Balance Sheet
- Reading the Balance Sheet
- Final Test

The Cash Flow Statement

- The Importance of Cash
- Operating Activities
- Investing Activities
- Financing Activities
- Projected Financial Statements
- Final Test

The Income Statement

- Introduction
- Revenues
- Expenses
- Inventory, Discrete Accounts, and Interest
- Final Test

UK Accounting

- Financial Statements
- Differences in Accounting Rules
- Final Test

Working Capital

- Working Capital Overview
- Positive Working Capital

- Working Capital and Risk
- Operating Working Capital Overview
- OWC as Percentage of Sales
- Negative OWC
- Estimating Level of OWC
- Final Test

Asset & Liability Management

Bank Funding and Position Management

- Bank Balance Sheet
- Managing Liquidity Risk
- Position Management
- Managing Gap Exposures
- Conclusion
- Final Test

Bank Lending

Loan Trading

- Loan Syndication
- Secondary Loan Market
- LMA and LSTA
- England
- Hong Kong
- New York
- Final Test

Banking Sales Skills

Building and Retaining Customer Relationships

- The Portfolio Process
- Proven Prospecting Strategies
- Grouping Client Records Effectively
- Organizing for Efficiency
- Knowing What to Say to Clients
- Final Test

Calling on Small Business Customers

- The Importance of Planning
- Tools to Plan Calls
- Planning Actions for Calls
- Final Test

Cross-Selling Deposit Products

- Why Cross-Sell?
- Deposit Products
- Interpreting Clues and Identifying Client Needs
- Cross-selling Solutions to Match Needs
- Responding to Questions and Objections
- Closing the Sale or Referring the Client
- Final Test

Effective Referrals

- Referrals
- Recognizing the Clues
- Responding to Clues
- Refer the Customer
- Revisiting the Customer
- Final Test

Introduction to Relationship Selling

- Beginning the Relationship Selling Process
- Evaluate to Identify Needs
- Presenting Solutions and Responding to Objections
- Close and Follow-Up
- Course Conclusion
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Sales Coaching in the Bank

- Your Role as a Coach
- Sales Techniques
- Job Functions
- Goal Setting and Support
- Final Test

Servicing and Growing Small Business Relationships

- Small Business Fundamentals
- Monitoring Information
- Conducting Site Visits
- Course Conclusion
- Final Test

Successful Sales Campaigns

- Introduction
- Set Objectives
- Client Base and Campaign Basics
- Making Advertisement Decisions and Capturing Attention
- Campaign Team Building
- Tracking the Results
- Final Test

Corporate Finance

Capital Asset Pricing Model

- Risk
- Components of the CAPM
- Beta
- Final Test

Capital Budgeting - Deriving the Cash Flows

- Cash Flow-Based Analysis
- Project Cash Flows
- NPV and IRR
- Final Test

Capital Structure

- Capital Structure
- Equity
- Debt
- The Optimal Financing Mix
- Final Test

Cost of Capital

- Equity Risk
- The Capital Asset Pricing Model
- Calculating Cost of Equity
- Debt Risk
- Interest Coverage Ratio

- Estimating Cost of Debt
- Market Value of Equity and Debt
- Calculating Cost of Capital
- Final Test

Dividend Policy

- The Dividend Decision
- Dividend Yield and the Payout Ratio
- Implementing Dividend Policy
- Final Test

Hedging Interest Rate Risk with Derivatives

- Hedging Short-Term Interest Rate Risk
- Hedging Long-Term Interest Rate Risk
- Final Test

Initial Public Offerings

- Overview
- Preparation and Documentation
- Marketing and Stabilization
- Final Test

Introduction to Capital Budgeting

- Proposed Project
- The Cost of Equity
- The Cost of Debt
- The Cost of Capital
- Return on Capital
- Net Present Value
- Interest Rate of Return
- Summary
- Final Test

Introduction to Corporate Finance

- What is Corporate Finance?
- The Objective of Corporate Finance
- Firm Stakeholders
- The Financial Picture of a Firm
- Measuring Firm Value
- Decision-Making in Corporate Finance
- Final Test

Mergers and Acquisitions

- Acquisition Basics
- The Business Case
- Standline Value of Target
- Pro Forma Value
- Due Diligence
- Acquisition Pricing Process
- Acquisition and the Law
- Final Test

Understanding a CFO's Challenges

- Pre-Test
- Strategy and Role of CFO and Colleagues
- Risk Exposures
- Research
- Financial Statements
- InterPacific Flightways Mini-Case
- Acme Lamp Mini-Case
- Reage Ltd. Mini-Case
- Forest Board Mini-Case
- Center Stores Mini-Case
- Final Test

Corporate Valuation

Introduction to Corporate Valuation

- Introduction
- Valuation Approaches
- Conclusion
- Final Test

Credit

Cash Flow Analysis

- Introduction
- Calculating Free Cash Flow
- Calculating Net Internal Cash Flow
- Calculating EBITDA
- Summary
- Final Test

Developing Credit Solutions

- Introduction
- Case Studies
- Conclusion
- Final Test

Introduction to Credit Analysis

- What is credit risk?
- Credit Analysis
- Seven C's of Credit Analysis
- Eight Steps
- Final Test

Introduction to Credit Risk

- Introduction
- Types of Credit Risk
- Understanding Credit Analysis
- Understanding Credit Structure
- Analyzing the Applicable Effects of Credit Structures
- Final Test

Introduction to Credit Risk Measurement

- Introduction
- Establish Credit Risk Environment
- Sound Credit-Granting Process
- Credit Administration Process
- Adequate Controls Over Credit Risk
- Roles of Supervisors
- Final Test

Loan Structuring

- Key Concepts
- Bank Loan Products
- Other Loans and Guarantees
- Final Test

Portfolio Management of Credit Assets

- Buy and Hold Credit Portfolio Management
- Active Credit Portfolio Management
- The Merton Model
- Portfolio Risk
- The Sharpe Ratio
- Final Test

Custody

Introduction to Corporate Action

- What are Corporate Actions?
- Role of a Custodian
- Corporate Actions and FINRA
- Mandatory Corporate Actions
- Voluntary Actions
- Mandatory with Choice Action
- Final Test

Introduction to Custody

- Custody Services
- Risks
- Role of a Custodian
- Final Test

Derivatives

Asset Swaps

- Asset Swaps
- Market/Market Asset Swaps
- Repackaged Transactions
- Setting Up A Market/Market Asset Swap
- Cash Flows From the Asset Transaction
- Cash Flows From the Currency Swap
- Calculating Asset Swap Spreads
- Final Test

Caps, Floors and Swaptions

- Caps
- Floors
- Combinations
- Swaptions
- Final Test

CDS Index Tranches

- Introduction
- Credit Losses
- Risk Profiles
- Final Test

Credit Default Swaps

- Introduction
- CDS Cash Flows
- Trading and Hedging with CDS
- Final Test

Credit Default Swaps on Credit Indices

- Introduction
- CDS Market
- CDS Spreads
- Final Test

Currency Swaps

- Components of a Currency Swap
- Pricing Currency Swaps
- Final Test

Equity Derivative Strategies: Profit/Loss Analysis

- Introduction
- Covered Call Writing
- Cash Secured Put Selling
- Protective Put Buying
- Straddle Buying
- Bear Put Spreads
- Exchangeable Notes
- Final Test

Eurodollar Futures Strips

- Eurostrip and Swap Rates
- Forward Calculations and Swap Rates using Actual Dates
- Convexity Adjustment
- Final Test

Exotic Options

- Introduction
- Correlation (Multivariate) Options
- Path-Dependent Options
- Special-Payoff Options
- Final Test

Futures Instruments

- U.S. Treasury Bond Futures
- Eurodollar Futures
- S&P 500 Futures

- Crude Oil Futures
- Final Test

Interest Rate Swaps

- Components of an Interest Rate Swap
- Valuing an Interest Rate Swap
- Derivation of a Fixed Rate
- Final Test

Introduction to Credit Derivatives: Part One

- Credit Default Options and Swaps
- Basket Default Options
- Total Rate of Return (TROR) Swaps
- Final Test

Introduction to Credit Derivatives: Part Two

- Credit Spread Options
- Credit Linked Notes (CLNs)
- Summary
- Final Test

Introduction to Derivatives

- Introduction
- Forward Contracts and Options
- Use of Derivative Markets
- Conclusion
- Final Test

Introduction to Energy Derivatives

- Petroleum and Natural Gas Products
- Electricity Products
- Final Test

Introduction to Equity Derivative Strategies

- Covered Call Writing
- Cash Secured Put Selling
- Protective Put Buying
- Straddle Buying
- Bear Put Spreads
- Exchangeable Notes
- Final Test

Introduction to Forwards and Futures

- Forward Contracts
- Futures Contracts
- Applying Forwards and Futures
- Final Test

Introduction to Options

- Option and Assets
- Positions in Options
- Options Strategies
- Final Test

Introduction to Option Pricing Theory

- The Binomial Tree Model
- Variables in Option Pricing
- The Option Value Curve
- Final Test

Introduction to Swaps

- Swap Transactions
- Types of Swaps
- Application of Swaps
- Final Test

Pricing Credit Default Swaps

- Credit Risk
- Default Probability
- Expected Recovery Rate
- Credit Spreads
- CDS Duration
- CDS Mark-to-Market
- Final Test

Tools for Evaluating Options

- Option Value Curve
- Intrinsic Value
- Time Value
- Time Value Decay
- Time Value and Volatility
- Theta
- Delta
- Gamma
- Vega
- Final Test

Equity

Calculating Economic Profit

- Economic Profit Overview
- Net Operating Profit After Taxes
- Calculating Economic Profit
- Final Test

Equity Markets - Issuing

- Equity Securities
- Understanding Equity Markets
- Equity Trading Process
- Depository Receipts
- Final Test

Equity Valuation - FCFF Model

- Estimating Growth Patterns
- Applying the FCFF Model
- Estimating Value Per Share
- Final Test

Introduction to Economic Profit

- Drawbacks of Accounting Profit
- Earnings Management
- Benefits
- Capital Cost
- Calculating Economic Profit
- Applying Economic Profit
- Final Test

Introduction to Equity Valuation

- Introduction
- Discounted Cash Flow Valuation
- Relative Valuation
- Final Test

Introduction to Structured Products

- What are Structured Products?
- Equity Index-Linked Notes
- Yield Enhancements Structure
- Principal Protected Structure
- Summary
- Final Test

Introduction to World Equity Markets

- Basic Instruments
- Depository Receipts Instruments
- New Issues
- Secondary Markets
- Final Test

Technical Analysis

- Introduction
- Tools and Terminology
- Price Patterns
- Indicators
- Final Test

The Dividend Discount Model

- Underpinnings of the Dividend Discount Model
- Short-Term DDM
- Constant Growth DDM
- Multiple-Stage Growth DDM
- Final Test

U.S. Equity Market

- Equity Securities
- Equity Market
- Trading of Equity
- Equity Valuation & Market Indices
- Final Test

Finance Basics

Fundamentals of Economic Indicators

- Key Economic Indicators
- Monthly Indicators
- Inflation Indices
- Market Impact
- Final Test

Introduction to Asset Management

- Portfolio Risk
- Integrated Asset Allocation
- Portfolio Management
- Final Test

Introduction to Corporate Banking

- Corporate Banking
- Retail Banking
- Corporate Loans
- Cash Management Services
- Equipment Financing
- Commercial Real Estate Loan
- Trade Finance
- Employer Services
- Final Test

Introduction to Investment Banking

- Introduction
- Underwriting and Distribution of Securities
- Advisory Services and Specialized Finance
- Regulation and Risk Management
- Final Test

Introduction to Private Wealth Management

- Introduction
- Functions of Private Wealth
- Family Offices
- Final Test

Time Value of Money

- Measuring Growth
- Compounding and Discounting Cash Flows
- Compounding at Different Frequencies
- Final Test

Yield

- Present Value and Yield
- Zero Coupon Rates
- Discount Factors
- Forward Rates
- The Yield Curve
- Final Test

Yield Analytics

- Present Value/Yield Curve
- PV/Yield and Cash Flow Patterns
- Modified Duration
- Convexity
- BPV
- Final Test

Financial Advisory

Alternative Investments

- Introduction
- Real Assets
- Equity Investment
- Alternative Financial Investments
- Discussing Alternative Investments With Your Client
- Final Test

Asset Allocation

- What is Asset Allocation?
- The Basics of Asset Allocation
- Asset Classes
- Components of Optimization
- Results and Adjustments
- Efficiency
- Summary
- Final Test

Credit Analysis for High-Net-Worth Individuals

- The Client, the Bank, and the Regulators
- Personal Financial Statements
- Loan Repayment Analysis
- Loan Structure and the Credit Proposal
- Final Test

Hedging Equity with Futures and Options

- Hedging Defined
- Hedging with Futures
- Hedging with Options
- Final Test

Introduction to Performance Measurement

- Performance Measurement
- Approaches to Performance Measurement
- Case Studies in Performance Measurement
- Final Test

Introduction to Portfolio Management

- The Mean-Variance Criteria
- Utility
- Graphing a Portfolio
- Choosing the Optimal Portfolio
- Correlation and Diversification
- Final Test

Investing in Bonds

- Bond Basics
- Types of Bonds
- Bond Performance & Risk
- Yield Basics
- Calculating Current Yield
- Yield to Maturity
- Active Bond Management
- Passive Bond Management
- Final Test

Investing in Equity

- What is Equity and Why Invest?
- Types of Stock
- Stock Markets
- Picking Stocks
- Final Test

Investing in Hedge Funds

- Introduction
- Types of Hedge Funds
- Hedge Fund Performance
- Final Test

Investing in Money Market Instruments

- Money Market Instruments
- Benefits of Cash Instruments
- Types of Money Market Instruments
- Comparing Money Markets Instruments

- Money Market Funds
- Types of Money Market Instruments
- Client Scenarios
- Final Test

Investment Principles

- Why Be Invested?
- Risk
- Return
- Time
- Time-Related Strategies
- Diversification
- Final Test

Lending Against Marketable Securities

- Establishing an Advance Ratio
- Exceptions and Alternatives to Standard Advance Ratios
- Monitoring the Loan
- Final Test

Managing Client Expectations

- Introduction
- Experience and Objects
- Investment Policy
- Implementation
- Portfolio Review
- Final Test

Financial Planning

Financial Products for Investors

- Introduction
- Fixed-Rate Investments
- Growth Investments
- Mutual Funds
- Alternative Investments
- Final Test

Financial Products for Savers

- Introduction
- Traditional Savings Products
- Final Test

Introduction to Financial Planning

- The Importance of Financial Planning
- Step 1: Analyze Present Financial Position
- Step 2: Determine Financial Needs and Objectives
- Step 3: Develop and Implement a Financial Plan
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Financial Technology

Algorithmic Trading

- Introduction
- Trading Algorithms
- Transaction Costs
- Trading Venues
- Algorithmic Trading Process
- Final Test

Artificial Intelligence in Finance

- Introduction
- Applying Machine Learning
- Applying Data Science Methodologies
- Advantages and Disadvantages
- Final Test

Blockchain Technology in the Capital Markets

- Introduction
- Blockchain and Digital Assets
- Blockchain Mechanics
- Emerging Blockchain Applications
- Final Test

Data Analysis

- Introduction
- Describing Data
- Probability Distributions and Risk
- Relationships between Variables
- Making Inferences
- Conclusion
- Final Test

Electronic Trading

- Introduction
- Market Mechanics
- Market Orders
- Trading Strategies
- Final Test

Fixed Income

Bond Duration

- Reinvestment Risk and Market Risk
- Duration
- Final Test

Bond Price Sensitivity

- Reinvestment Risk
- Market Risk
- Market Rate Changes
- Immunizing Point
- Computing Duration
- Bond Duration Factors
- Computing Duration of a U.S. Treasury Security
- Duration and Interest Payments
- Final Test

Bond Price Sensitivity - Global

- Understanding Base Point Value
- BPV and the Yield Curve
- Convexity and Duration
- Final Test

Bond Yield

- Calculating Yield
- Calculating Yield for Strips and Bills
- Comparing and Yields
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Introduction to Asset-Backed Securities

- Asset-Backed Securitization
- Asset Type and Cash Flows
- Product Structure and Mechanics
- Evaluation Methods
- Final Test

Introduction to Bonds

- Buying a Bond
- Accrued Interest
- Quoting and Calculating
- STRIPS
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Introduction to Mortgage-Backed Securities

- Basic Cash Flows of MBS
- Prepayment Metrics and Related Risks of MBS
- Evaluation Methods
- Product Types
- Final Test

Introduction to World Bond Markets

- Introduction
- Government Bond Markets
- Eurobond Market
- Final Test

Long-Term Debt Securities

- Calculating Bond Prices
- Accrued Interest and Credit Risk
- U.S. Treasury Notes and Bonds
- Other Long-Term Debt Securities
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Portfolio Duration

- Computing Duration
- Factors Affecting Bond Duration
- Calculation Portfolio Duration
- Altering a Portfolio's Duration
- Cash Neutral Bond Switch
- Duration and Interest Payments
- Note on Rebalancing
- Final Test

Short-Term Debt Securities

- Short-Term Debt Securities
- U.S. Treasury Bills
- Other Short-Term Debt Instruments
- Final Test

The Fixed Income Repo Market

- Pricing a Repurchase Agreement
- The Repo Market
- Buying a Bond for Forward Settlement
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Treasury Inflation-Protected Securities (TIPS)

- Inflation and TIPS
- Inflation Ratio and Invoice Price
- TIPS Yield
- Final Test

U.S. Bond Market

- Market Players
- Classification of Bonds
- Financial Markets and Types
- Credit Risk
- Final Test

U.S. Treasury Bond Auctions

- U.S. Treasury Issue Cycles
- Treasury Auction Features
- The Bidding Process
- Final Test

Foreign Exchange

Barrier Options

- Regular Barrier Options Overview
- Regular Knock-Out
- Regular Knock-In
- Reverse Barrier Options Overview
- Reverse Knock-Out
- Reverse Knock-In
- Final Test

Forward Foreign Exchange

- Forward FX Rates
- Quoting Forward Rates
- Application of Forward FX
- Final Test

Hedging Currency Risk with Derivatives

- Currency Risk and Hedging Strategies
- Forward Contracts
- OTC Options
- Comparing Currency Hedging Strategies
- Out-of-the-Money Protective Options
- Covered Writing
- Range Forwards
- Barrier Options
- Comparing Currency Hedging Tools
- Final Test

Introduction to Foreign Exchange

- What is Foreign Exchange?
- Spot Rates
- Rates Quoted Against the U.S. Dollar
- Rates Quoted in U.S. Dollar
- Cross Rates
- The Bid/Offer Rates
- Final Test

Vanilla Currency Options

- Vanilla Currency Option Basics
- Applications
- Pricing Vanilla Currency Options
- Final Test

Fundamental Business Skills

Business Ethics

- Understanding Business Ethics
- Regulating Ethical Behavior
- Business Ethics Principles
- Business Ethics Best Practices
- Final Test

Business Etiquette

- Guiding Principles of Business Etiquette
- Handling Introduction
- Professional Dress
- General Workplace Etiquette
- Dining Etiquette
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Dealing Effectively with Co-Workers

- How Perspectives Impact Behavior Choices
- Characteristics and Behaviors of the Four Base Preference Groups
- Understanding Behavioral Differences
- Working with a Difficult Person
- Enhancing Work Relationships
- Case Study
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Ethical Issues for Bankers

- Business Ethics
- Ethical Dilemmas
- Problem Solving
- Final Test

Managing Time at Work

- Planning Your Time
- Creating Your Plan
- Organizing Your Workspace
- Managing Interruptions and Daily Activities
- Final Test

Insurance

Insurance Overview: UK

- Basic Insurance Principles
- Types of Insurance
- The UK Insurance Market
- Key Roles
- Final Test

Insurance Overview: U.S.

- Basic Insurance Principles
- Types of Insurance
- Key Roles
- Final Test

Long-Term Insurance: Pricing and Underwriting

- What is Long-Term Insurance?
- Pricing
- Underwriting
- Final Test

Reinsurance: Market to Methods

- The Reinsurance Market
- Risk Management Techniques
- Reinsurance Methods
- The Reinsurance Contract
- Final Test

Investment Basics

Annuities & Perpetuities

- Introduction to Interest Rates
- Future Value
- Present Value
- Annuities
- Perpetuities
- Final Test

Asset Classes

- Introduction
- Types of Asset Classes
- Diversification and Asset Allocation
- Conclusion
- Final Test

Collective Investment Schemes in the UK

- Collective Investment Schemes
- Choosing a Fund
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Exchange-Traded Funds (ETFs)

- What is an ETF?
- Characteristics
- ETF vs. Mutual Funds
- ETFs in your Portfolio
- Investing in ETFs
- The Creation and Redemption Process

- Bid/Ask Spreads
- Buying and selling ETFs
- Final Test

Exchange-Traded Funds – Types

- Creation and Redemption Mechanism
- Passive Management
- Active Management
- Understanding ETF Arbitrage
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Introduction to Commodities

- Introduction
- The Structure of Commodity Markets
- Conclusion
- Final Test

Introduction to Money Markets

- Overview
- Market Participants
- Money Market Players
- Money Market and Interest Rates
- Money Market Risks
- Summary
- Final Test

Introduction to Securities Markets

- Securities Markets
- Debt
- Equity
- Final Test

Investment Principles

- Why Be Invested?
- Risk
- Return
- Time
- Time-Related Strategies
- Diversification
- Final Test

Mutual Funds

- Introduction
- Key Concepts
- Front-End Operations
- Back-End Operations
- Final Test

The Human Side of Investing

- Decision Making
- Errors in Judgment
- Biased Preferences
- Fear of Regret
- Summary
- Final Test

Management Accounting

Cash Management

- Introduction
- Cash Planning
- Managing Cash Flows
- Maintaining Optimum Cash Balance
- Decision to Invest or Borrow
- Conclusion
- Final Test

Management and Leadership

Coaching for Success

- What is Coaching?
- Deciding to Coach
- Preparing for the Coaching Dialogue
- The Coaching Dialogue
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Corrective Action

- What is Corrective Action?
- Documenting Corrective Action
- Corrective Counseling
- Corrective Action Course Wrap-up
- Final Test

Hiring the Best

- Job Analysis
- Preparing Interview Questions
- Conducting an Interview and a Pre-employment Test
- Evaluating Candidates
- Case Study
- Final Test

Improving Productivity

- Productivity Issues for Managers
- Identifying Elements of Productivity
- Pinpointing Production Problems
- Identify Productivity Obstacles
- Developing Productivity Solutions
- Evaluating Ideas for Improving Productivity
- Implementing Productivity Solutions
- Final Test

Managing Change

- What Is Change?
- Managing the Impact of Change
- Final Test

Managing Employee Relations

- The Importance of Employee Relations
- Understanding Employment Law
- Managing Diversity
- Managing Work and Personal Issues
- Fostering Open Communications
- Case Study
- Final Test

Performance Management

- Components of Effective Performance Management
- Writing Performance Objectives
- Communicating Expectations and Monitoring Progress
- Performance Feedback
- Evaluations
- Case Study
- Final Test

Rewards and Recognition

- What are Rewards and Recognition?
- The Importance of Rewards and Recognition
- Effective Reward and Recognition Techniques
- Planning to Reward and Recognize Employees
- Final Test

MBA Essentials

Accounting Essentials

- Introduction
- Start-Up Accounting Transactions
- Operating Accounting Transactions
- Adjustment Accounting Transactions
- Comparison of Financial Statements
- Final Test

Business Math Boot Camp

- Probabilistic Modeling
- Probability and Odds
- Decision Trees
- Data Analysis
- Linear Equations
- Supply and Demand
- Exponential Functions
- Time Value of Money
- Final Test

Calculus Essentials

- Limit
- Derivative
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Finance Essentials I

- Introduction
- Time Value of Money
- Compounding and Discounting
- Short-term Financing Decisions
- Performing a Valuation
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Finance Essentials II

- Introduction
- The Investment Decision
- The Investment Analysis
- The Financing Decision
- Financing with Debt
- Business Risks
- Financial Price Risk
- Final Test

Microeconomic Essentials

- Demand and Revenue
- Analyzing Costs and their Behavior
- Determining the Optimum Quantity and Price
- How a Firm Operates in a Perfectly Competitive Market
- Formulating Competitive Strategy Using Game Theory
- Final Test

Statistics Essentials

- Introduction
- Probability
- Estimation Testing
- Hypothesis Testing
- Dual Population Testing
- Regression
- Final Test

Operations

Basic Margin

- Margin Overview
- Regulation T Requirement
- Maintenance Requirement
- Buying Power
- Final Test

Introduction to Prime Brokerage

- Introduction
- Primary Services
- Secondary Services
- Additional Prime Brokerage Services
- Final Test

Life of a Trade: Global

- Introduction
- International Trade Initiation and Matching
- Securities and Funds Settlement
- Risk Management
- Final Test

Life of a Trade: U.S. Domestic

- Introduction
 - Trade Initiation and Execution
 - Trade Processing
 - Trade Settlement
 - Books and Records
 - Final Test
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Private Equity

Introduction to Private Equity

- Introduction
- Private Equity Funds
- Important Concepts
- Private Equity Fund Structures
- Final Test

Investing in a CLO

- What is a CLO?
- Characteristics of a CLO
- CLO Regulations
- CLO Life Cycle
- CLO Performance and Quality
- Final Test

Private Equity Fund Formation

- Partnership Formation Documents
 - Fund Closings
 - Capital Contributions
 - Capital Distributions
 - Final Test
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Quantitative Methods

Numerical Methods for Derivatives Pricing

- Introduction
- Binomial Trees
- Monte Carlo Simulation
- Conclusion
- Final Test

Smart Beta and Factor Models

- Understanding Smart Beta Strategies
 - Understanding Factor Models
 - Conclusion
 - Final Test
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Regulatory

Bank Bribery Act

- Overview
- What You Need to Know
- Potential Bribery Scenarios
- Final Test

Bank Protection Act

- Overview
- What You Need to Know
- Final Test

Bank Secrecy Act

- Creation of the Bank Secrecy Act
- History of the Bank Secrecy Act
- Complying with the Bank Secrecy Act
- Required Documentation
- Currency Transaction Report
- Suspicious Activity Report
- Designation of Exempt Person
- Maintaining Bank Secrecy Act Records
- Explaining the Bank Secrecy Act to the Client
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Basel II

- Introduction
- Structure of Basel II
- Implementation
- Final Test

Basel III

- History
- Global Capital Standards
- Global Liquidity Standards
- Summary
- Final Test

Dodd-Frank Act

- Introduction
- Impact and Reforms
- Investor and Consumer Protection
- Regulation
- Final Test

Dodd-Frank Act EGRRCPA Regulations (April 2019)

- Introduction
- EGRRCPA Regulations
- Liquidity, TLAC, CECL, and FBOS
- Living Wills, Volcker Rule, and CRA
- AML, BSA, OFAC, and Derivatives
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- Overview
- What You Need To Know
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Equal Credit Opportunity Act - Regulation B

- What is the Equal Credit Opportunity Act?
- Making Credit Available
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- Reporting and Record Keeping
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Expedited Funds Availability Act - Regulation CC

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- Extended Hold Availability Schedules
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- Endorsements and Check Processing
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Extending Credit to Bank Insiders - Regulation O

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- Lending Restrictions
- Extending Credit to Executive Officers

- Disclosure Requirements
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Fair Credit Reporting Act

- Background and Purpose
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- Fair and Accurate Credit Transactions
- Risk-Based Pricing Notices
- Requirements, Responsibilities and Rights
- Explaining Consumer Rights to Clients
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Fair Housing Act

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- Fair Lending Laws
- Types of Discrimination
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Flood Disaster Protection Act

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Foreign Account Tax Compliance Act (FATCA)

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- Exemptions and Grandfathering
- Projected Implications, Controversies and Concerns
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- Structure of Basel II
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Implementing Basel II - Investment Banks

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- Basel II Strategy
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- Final Test

Implementing Basel II - Retail Banks

- Overview
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Office of Foreign Asset Control (OFAC) Regulations

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Privacy for Customer Contact Personnel

- Understanding Privacy Issues
- Consumer Privacy Laws
- GLBA and Regulation P
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- Safeguarding Consumer Privacy
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Real Estate Settlement Procedures Act (RESPA)

- The Real Estate Settlement Procedures Act
- Disclosures
- Consumer Protection
- Escrow Account Requirements
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The Essentials of Form PF

- Background
- Who needs to file?
- Requirements of Form PF
- Implications and Challenges
- Final Test

Truth in Savings Act

- Overview
- What You Need to Know
- Disclosure
- Signs, Notices and Advertising
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Retail and Small Business Banking

Banking Today

- Introduction
- The Federal Reserve
- Bank Products
- The Business of Banking
- A Bank's Organization
- Financial Analysis and Performance Measures for Banks
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- Banking on the Move
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Consumer Credit Products

- Introduction
- Non-real Estate-related Products
- Real Estate-related Products
- Consumer Laws and Regulations
- Selling Consumer Credit Products
- Case Study
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Credit Products for Small Businesses

- Introduction
- Business Cycles
- Credit Products
- Communicating a Credit Decision
- Credit Regulations
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Ethical Issues for Bankers

- Business Ethics
- Ethical Dilemmas
- Problem Solving
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Fundamentals of Consumer Lending

- Consumer Credit Basics
- Learning the Language of Consumer Credit
- How Banks Make Money from Loans
- Credit Evaluations and Decision Making
- Regulation Overview & Equal Credit Opportunity Act-Regulation B
- Truth in Lending Act-Regulation Z
- Fair Credit Reporting and Community Reinvestment Act
- Final Test

Fundamentals of Mortgage Lending

- Mortgage Lending
- Real Estate Basics
- The Mortgage Lending Process
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Fundamentals of Small Business Banking

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- Business Legal Structures
- Small Business Operating Cycles
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- Case Studies
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Introduction to Analyzing Financial Statements

- Introduction
- Income Statement
- Balance Sheet
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- Final Test

Introduction to Financial Planning Products

- Financial Planning Overview
- Traditional Savings Products
- Mortgages
- Fixed-Rate Investments
- Growth Investments

- Mutual Funds
- Insurance, Retirement, Estate Planning Products
- Summary
- Final Test

Overview of Financial Statements

- Financial Information
- The Balance Sheet
- The Income Statement
- Cash Flow Statements
- Tax Returns
- Conclusion
- Final Test

Referring Mutual Funds and Securities Customers

- Securities and Modern Banking
- Securities Products Commonly Offered by Banks
- Recognize Client Clues and Gather Information
- Referral Steps Used to Grow Securities Business
- Case Study
- Final Test

Referring Trust Customers

- What is a Trust?
- Identifying and Referring Trust Clients
- Trust Products and Services
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Understanding Financial Planning

- The Importance of Financial Planning
- A Look at Financial Products
- Determining the Client's Current Financial Situation
- Determining the Client's Financial Goals, Time Frames, and Risk Tolerance
- Case Study
- Final Test

Risk Management

Introduction to Monte Carlo Simulation

- How does Monte Carlo Simulation work?
- Generating a Path
- The Random Variable
- The Probability Distribution of Random Variables
- Random Variable for a Portfolio
- Generating a Path for a Security
- Generating a Path for an Options
- Generating Many Paths
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Monte Carlo Simulation and VAR

- What is Monte Carlo Simulation?
- Monte Carlo Simulation Results
- Cumulative Probability Plot
- Calculating VAR for Options Using Simulation
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Operational Risk Fundamentals

- Introduction to Operational Risk
- Developing an Operational Risk Methodology
- Operational Risk Management and Reporting
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Operational Risk: Quantification and Mitigation

- Introduction to Operational Risk
- Risk Quantification: Historic Analysis
- Risk Quantification: Control Self-Assessment
- Risk Models and Risk Mitigation
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Portfolio Diversification

- Volatility and Correlation
- Plotting Correlation and Position
- Calculating Correlation

- Correlation and Portfolio Diversification
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Portfolio Returns

- What is a Portfolio?
- Portfolio Returns
- Calculating Portfolio Returns
- Final Test

Portfolio Risk

- Frequency Distribution of Portfolio Returns
- Frequency Distribution and Risk
- Volatility of Portfolio Returns
- Risk vs. Return
- Calculating Volatility
- Volatility and Sample Period
- Risk-Adjusted Performance Measures
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Probability Distribution of Returns

- The Normal Distribution
- Normal Distribution Analytics
- The Normal Distribution and Portfolio Risk Management
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Understanding Uncertainty

- Creating a Histogram
- Reading a Histogram
- The Shape of a Single Spinner
- More Spins
- The Shape of a Two Spinners
- The Central Limit Theorem
- Normal Distribution
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Value at Risk

- The Basics of VAR
- Risk Management
- Options and VAR
- Final Test

Software Skills

Excel Functions and Formulas

- Building Formulas
- Relative and Absolute Referencing
- Averaging and Counting
- Financial Functions
- Conclusion
- Final Test

Excel Setup and Formatting

- Introduction
- Excel Setup
- Formatting
- Styles
- Conditional Formatting
- Conclusion
- Final Test

Trade Finance

Introduction to International Trade

- History of Money
- Characteristics of Money
- Forms of Money
- How does money move?
- Hazards of International Trade
- Trade Regulation
- Methods of Trading
- Case Studies
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Introduction to Letters of Credit

- Introduction
- Mechanism of Letters of Credit
- Use of Letters of Credit
- Regulations
- Conclusion
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Letters of Credit - Types

- Export of Letters of Credit
- Import Letters of Credit
- Standby Letters of Credit
- Conclusion
- Final Test

Trusts and Investments

Building Trust Expertise - Investment Management

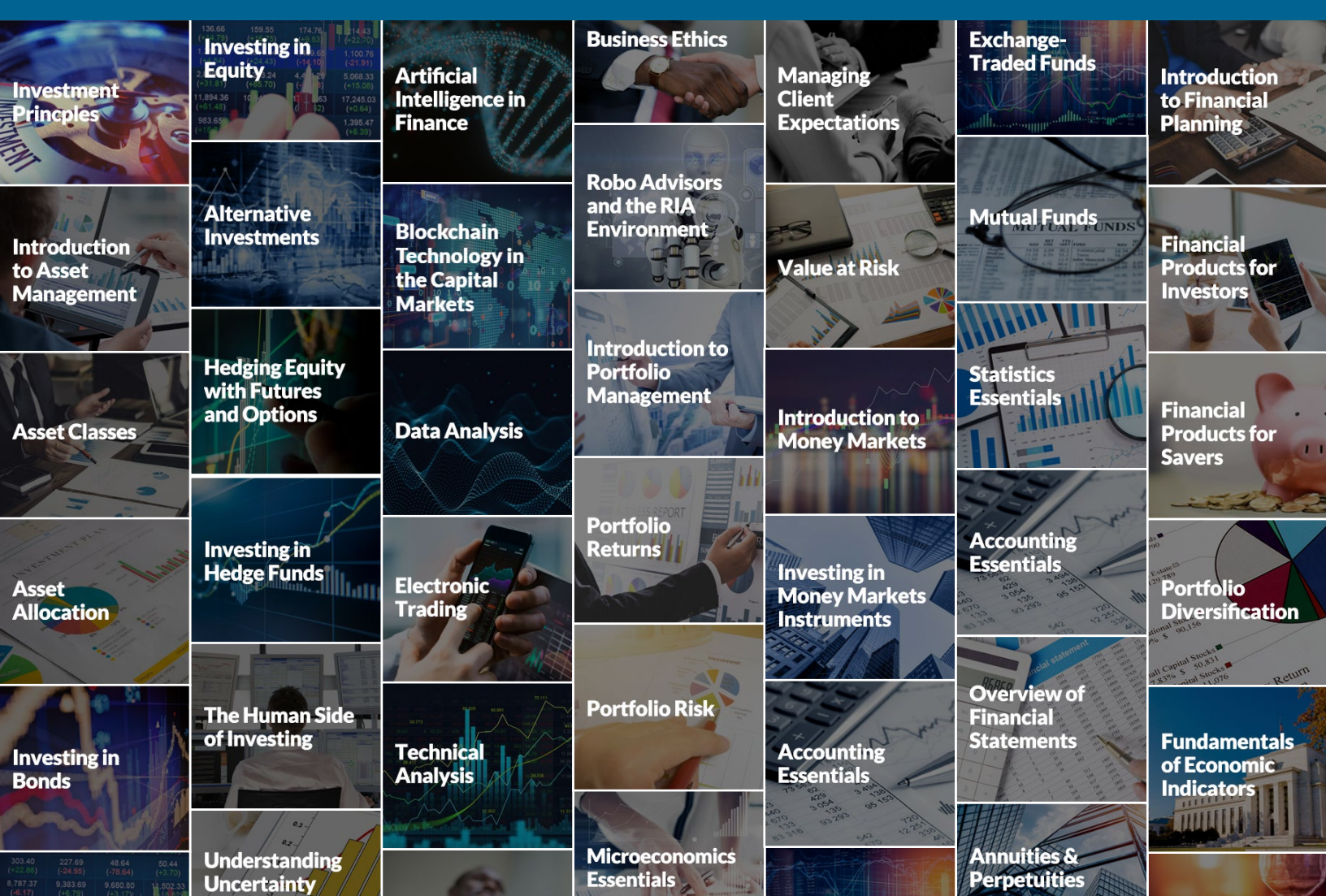
- Investment Types
- Stock Selection and Analysis
- Bond Selection and Analysis
- Portfolio Management
- Economics and Investments
- Legal Considerations
- Final Test

Building Trust Expertise - Taxation and Estate Planning

- Tax Basics
- Taxation of Trusts
- Transfer Taxes
- Estate Tax
- Generation Skipping Transfers
- Basic Estate Planning
- Estate Planning for Marital Deductions
- Final Test

Trust Administration

- Trust Administration
- Personal Trusts
- Purpose for Establishing Trusts
- Account Acceptance and Termination
- Discretionary Distributions
- Discretionary Standards
- Final Test



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