


E-Learning Training Program

Fundamentals of Banking & Finance

(On Demand)




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Program Overview

This course offers a solid foundation in finance, covering how money and the market function and the roles of banks and financial institutions. You'll also develop essential skills in financial mathematics and Excel, equipping you with the practical tools used by finance professionals. Ideal for beginners.

Program Objectives

Upon the completion of the program participants will be able to:

- Gain a foundational understanding of how money, financial markets, banks, and financial institutions operate in the modern economy.
- Develop core competencies in financial mathematics and Excel to analyze data, solve financial problems, and apply tools commonly used by finance professionals.
- Equip beginners with the knowledge and skills needed to pursue advanced studies in finance or to begin a career in the financial sector with confidence.

Program Contents

This program will cover 79 tutorials spread to 8 topics as the following:

- **Topic 1: Introduction to Financial Markets**
- **Topic 2: Business of Banking & Finance**
- **Topic 3: Interest Rate Mathematics**
- **Topic 4: Building Blocks**
- **Topic 5: Excel Techniques**
- **Topic 6: Life of a Trade**
- **Topic 7: Economic Analysis**
- **Topic 8: Global Financial Crisis**

Topic 1: Introduction to Financial Markets

- Financial Markets – An Introduction
- Money Markets – An Introduction
- Foreign Exchange (FX) Market – An Introduction
- Bond Markets – An Introduction
- Bond Markets – Issuing
- Bond Markets – Trading
- Equity Markets – An Introduction
- Equity Markets – Issuing



Topic 2: Business of Banking & Finance

- Banks & Banking
- Business of Investment Banking
- Business of Corporate Banking
- Business of Consumer (Retail) Banking
- Shadow Banking & NBFIs
- Business of Asset Management
- Business of Wealth Management
- Business of Pensions & Retirement
- Business of Insurance

Topic 3: Interest Rate Mathematics

- Interest Calculations
- Day Count Conventions
- Interest Calculations – Scenario
- Present Value & Future Value
- Annuities & Perpetuities
- Time Value of Money – Excel Interactive
- Time Value of Money – Scenario
- NPV & IRR
- NPV & IRR – Scenario

Topic 4: Building Blocks

- Indices, Exponents, & Logs
- Logs – Excel Interactive
- Mean, Median & Mode – Excel Interactive
- Probability
- Distributions
- Normal Distribution – Excel Interactive
- Skewness & Kurtosis – Excel Interactive
- Volatility Estimation
- Volatility – Excel Interactive
- Correlation Analysis
- Correlation & Covariance – Excel Interactive
- Regression Analysis
- Regression Analysis – Excel Interactive
- Calculus – Differentiation
- Calculus – Integration



Topic 5: Excel Techniques

- Menus & Shortcut Basics – Excel Interactive
- Basic Operators – Excel Interactive
- Mathematical Operations – Excel Interactive
- Formulas & Calculation Functions (Part 1) – Excel Interactive
- Formulas & Calculation Functions (Part 2) – Excel Interactive
- Naming & Referencing Cells – Excel Interactive
- Editing Cell Names – Excel Interactive
- Formatting Basics – Excel Interactive
- Date Functions – Excel Interactive
- Pivot Tables – Excel Interactive
- Lookup Functions – Excel Interactive
- Conditional Statements – Excel Interactive
- Conditional Formatting – Excel Interactive
- Data Validation – Excel Interactive
- Data Tables – Excel Interactive
- Combo Box Controls for Dashboards – Excel Interactive
- Goal Seek & Scenario Manager – Excel Interactive
- Solver – Excel Interactive
- Common Errors – Excel Interactive

Topic 6: Life of a Trade

- Life of a Trade – An Introduction
- Life of a Trade – Pre-Trade
- Life of a Trade – Execution
- Life of a Trade – Clearing & Settlement
- Life of a Trade – Post-Trade Position Management
- Life of a Trade – Scenario

Topic 7: Economic Analysis

- Economic Indicators – An Introduction
- GDP – An Introduction
- GDP Indicators
- Business Cycles – An Introduction
- Business Cycle Indicators
- Inflation – An Introduction
- Inflation Indicators
- Employment & Unemployment – An Introduction
- Labor Market Indicators



- Trade Indicators
- Monetary Policy
- Fiscal Policy Analysis

Topic 8: Global Financial Crisis

- Global Financial Crisis – Causes, Impact & Legacy

Program Administration

Program Language

The program will be delivered in English.

Program Study Hours

31 Hours 13 Minutes

Training Delivery

The program will be on demand in collaboration with INTUITION Platform

Target Audience

Juniors in Finance Sectors

Program Level

Foundation

Program Duration

1 month from user activation date to complete all topics

Certification

Certificate of Completion, after passing all topics with a minimum score of 70%.

Registration Fees

90 Kuwaiti Dinar



For further inquiries, please contact the program coordinator:

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