

# Certified Financial Analyst

## MODULE 1

### Basic Financial Concepts

#### 1. Introduction

- 1.1 Course objectives and purpose
- 1.2 Emerging trends in the financial world
- 1.3 The significance of financial analysis in today's economy

#### 2. Introduction to financial analysis and its role

- 2.1 Historical evolution of financial analysis
- 2.2 The Role of financial analysis in decision-making
- 2.3 Profile and responsibilities of a financial analyst

#### 3. Basic economic concepts

- 3.1 Supply and demand: core concepts
- 3.2 Inflation and deflation: Impact on the economy
- 3.3 Interest rates and their role in the financial world

#### 4. Understanding financial reports

- 4.1 Key components of the balance sheet
- 4.2 Income statement: analyzing company revenues and expenses
- 4.3 Cash flow analysis: understanding company liquidity

#### 5. Analyzing financial ratios to assess company performance

- 5.1 Common financial ratios: an overview
- 5.2 Profitability ratios: measures of company performance
- 5.3 Solvency ratios: assessing company financial health

#### 6. Financial sustainability

- 6.1 Environmental, social, and economic sustainability
- 6.2 Sustainability reporting: integration into financial analysis

## MODULE 2

### Business analysis and economic modelling

#### 1. Company structure and business model

- 1.1 Types of company structures: implications for analysis
- 1.2 Components of the business model and their significance
- 1.3 Customizing analysis for different industry structures

#### 2. Understanding economic modeling

- 2.1 Fundamental principles of economic modeling
- 2.2 The Importance of accuracy in economic models
- 2.3 Techniques in economic modeling

#### 3. Building financial models

- 3.1 Step-by-Step Guide to constructing financial models
- 3.2 Sensitivity analysis: Evaluating model resilience
- 3.3 Model validation: Ensuring reliability

#### 4. Evaluating investments

- 4.1 Methods of investment evaluation: Net present value method and comparative company analysis
- 4.2 Limitations and Challenges in investment valuation

#### 5. Risk Management

- 5.1 Identification and categorization of risks
- 5.2 Quantitative and qualitative approaches to risk assessment
- 5.3 Risk mitigation strategies: protecting investments

#### 6. Scenario analysis

- 6.1 Construction of scenarios: a practical approach
- 6.2 Evaluation of scenario outcomes on financial models
- 6.3 Incorporating scenario analysis in decision-making

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## MODULE 3

### Securities analysis and investment strategies

#### 1. Introduction to stock analysis

- 1.1 Overview of stock markets and exchanges
- 1.2 The Importance of sector analysis in stock valuation
- 1.3 Analyzing market trends for informed decision-making

#### 2. Working with fundamental analysis

- 2.1 Metrics and indicators for fundamental analysis
- 2.2 Evaluating company health through fundamental analysis
- 2.3 Identifying undervalued and overvalued stocks

#### 3. Understanding technical analysis and its limitations

- 3.1 Principles of technical analysis
- 3.2 Critiques and challenges of technical analysis
- 3.3 Integration of technical and fundamental approaches

#### 4. Theories of market function and applicability

- 4.1 Efficient market hypothesis and its variations
- 4.2 Behavioral economics: insights into investor behavior
- 4.3 Pragmatic application of market theories

#### 5. Impact of external factors

- 5.1 Geopolitical events and market dynamics
- 5.2 Macroeconomic trends shaping investment strategies
- 5.3 Global influences on securities markets

#### 6. Portfolio management and diversification

- 6.1 Principles of effective portfolio construction
- 6.2 Risk reduction through diversification
- 6.3 Monitoring and adjusting investment portfolios

#### 7. Investment strategies and their application

- 7.1 Long-term investing: value and growth strategies
- 7.2 Short-term trading strategies
- 7.3 Adapting strategies to market conditions



## The goal of the education

The goal of the education is that the student, after completing the education, has acquired the knowledge required for qualified and independent work in the field.

## Eligibility requirements

No special eligibility requirements

## Assessment criteria

After completed training, with approved results on all assignments and tests, the student receives a certificate. The head teacher for the education is the one who examines the student.

## Degree title

Certified Financial Analyst

## The scope of the training

The studies can be carried out at any study pace and comprise of approx. 8 weeks of full-time studies