



## Finance, Accounting & Budgeting Training Courses



**SCANDINAVIAN ACADEMY**  
Training and Development



# Course: Financial Modeling

Code	City	hotel	Start	End	price	Hours
756	Casablanca (Morocco)	Hotel Meeting Room	2024-04-28	2024-05-02	3450 €	25

## Course Objectives:

- Use core financial modeling techniques
- Forecast investments, and calculate valuations of projects and companies in an effective manner
- Develop comprehensive financial models to support investments decisions
- Understand the different financial statement types and their key line items.
- Recognize the importance control accounts play in balancing the model.
- How to model revenue and working capital adjustments.
- Highlight the differences between the four different input methods.
- How to calculate tax components including tax expense, depreciation and losses.
- How to calculate Net Operating Cash flow using the Indirect Cash flow method.

## Course Content

- **Financial Reporting and Corporate Governance**
  - Business objectives and shareholder wealth
  - The users of financial information
  - The role of accounting in financial reporting
  - Key financial statements, their nature and purpose
  - The conceptual framework of accounting and financial reporting
  - Introduction to accounting standards
  - The development of accounting standards
  - International financial scandals
  - The agency problem
  - The role of audit
  - The need for corporate governance
  - Corporate governance in the UK, US, and in GCC countries
  - The Balance Sheet
  - Shareholders equity
  - Current and non-current assets
  - Current and non-current liabilities
  - Working capital
  - Preparing the balance sheet
  - What does the balance sheet tell us?
  - What are its limitations?



- Accounting terminology
- **Accounting Systems, Reporting and Decisions**
  - Preparation of the Income Statement
  - Calculation of profit
  - HCategories of income and expenditure
  - Valuation of current and non-current assets
  - The format of the Income Statement and Balance Sheet
  - The link between cash and profit
  - The link between asset valuation and profit
  - Inventory, receivables, payables, and cash
  - The application of judgement
  - The nature and purpose of working capital
  - Management accounting and cost-volume-profit (CVP) analysis
  - Break even analysis
  - The impact of volume and sales changes on cost structures
  - The limitations of break-even analysis
- **Cash Flow and Investment Appraisal**
  - The purpose of the Cash Flow Statement, and its contents
  - The preparation and presentation of the Cash Flow Statement
  - Sources and uses of cash
  - The link between the Cash Flow Statement, the Balance Sheet, and the Income Statement
  - The Cash Flow Statement as a predictor of future performance
  - Interest rates and the time value of money
  - Discounting and compounding - present values and future values
  - Annuities and perpetuities
  - Investment appraisal: what is an investment?
  - Appraisal techniques NPV and IRR
  - Relevant cash flows and free cash flows
  - The effect of inflation
  - Dealing with risk and uncertainty
  - Asset replacement and annual equivalent value
  - Capital rationing
  - Managing the investment project
- **Financing and Cost of Capital**
  - Financing the business
  - Financing principles
  - Sources and types of finance, and the effect of gearing
  - Defensive, neutral, aggressive financing policies
  - Stock Market listing
  - The Cost of Capital
  - Cost of equity ( $K_e$ )
  - Cost of debt ( $K_d$ )
  - Weighted average cost of capital (WACC)



- Capital Asset Pricing Model (CAPM)
- The need for company valuations
- Valuation methods: Net assets; PE Ratio; Dividend growth model; Present value of future free cashflows; Capitalised earnings
- Shareholder value added
- Financial growth modelling: analysis of growth patterns
- Use of Excel for growth forecasting
- DCF valuation

- **Analysis and Interpretation of Financial Reports**

- The contents of the published annual report
- Recent developments in financial reporting
- Interpretation of financial statements
- Common size analysis
- Ratio analysis, including the Dupont system
- Profitability ratios
- Liquidity ratios
- Efficiency ratios
- Capital structure ratios
- Investment performance ratios
- Measuring performance – cash ratios or profit ratios?
- Value Added analysis
- Segmental analysis
- The shortcomings of financial statements, for interpretation purposes
- Predicting corporate failure
- Non-financial factors
- General financial management issues
- The effect of poor liquidity
- Post balance sheet events and contingencies
- The auditors report
- Failure-predicting ratios
- Multivariate failure predicting models – Altman Z score
- Integrated financial accounting case study



**The Scandinavian Academy employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:**

- **Theoretical Lectures:**
  - We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.
- **Scientific Assessment:**
  - We evaluate trainees skills before and after the course to ensure their progress.
- **Brainstorming and Interaction:**
  - We encourage active participation through brainstorming sessions and applying concepts through role play.
- **Practical Cases:**
  - We provide practical cases that align with the scientific content and the participants specific needs.
- **Examinations:**
  - Tests are conducted at the end of the program to assess knowledge retention.
- **Educational Materials:**
  - We provide both printed and digital scientific and practical materials to participants.
- **Attendance and Final Result Reports:**
  - We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.
- **Professionals and Experts:**
  - The programs scientific content is prepared by the best professors and trainers in various fields.
- **Professional Completion Certificate:**
  - Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.
- **Program Timings:**
  - Training programs are held from 10:00 AM to 2:00 PM and include buffet sessions for light meals during lectures.