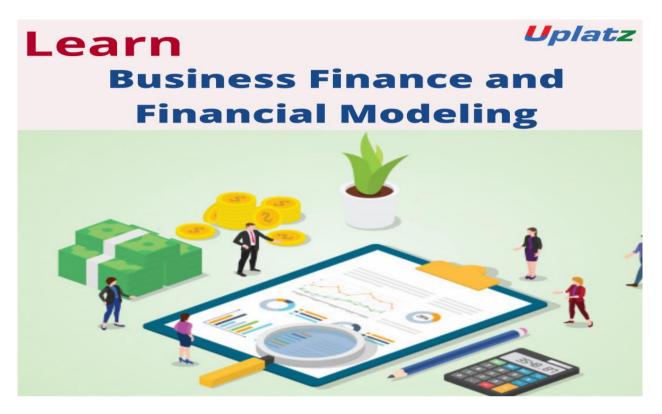


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## **Business Finance and Financial Modeling- Course Syllabus**

## **Topic 1: Valuation**

- Introduction to valuation
  - The importance of valuation
  - Understanding enterprise value and equity value
  - Valuation method 1: Comparable Company Analysis
    - Selecting comparable companies
    - Spreading comparable companies
    - Analyzing the valuation multiples
    - Concluding and understanding value
  - Valuation method 2: Precedent Transactions Analysis
    - o Selecting comparable transactions
    - Spreading comparable transactions
    - Concluding value
- Valuation method 3: Discounted Cash Flow (DCF) analysis
  - Understanding unlevered free cash flow
  - Forecasting free cash flow



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- o Forecasting terminal value
- Present value and discounting
- Understanding stub periods
- o Performing sensitivity analysis
- Weighted Average Cost of Capital (WACC)
  - Using the CAPM to estimate the cost of equity
  - Estimating the cost of debt
  - o Understanding and analyzing WACC
  - Concluding valuation
    - Aggregating the three methodologies
    - o Concluding value

## **Topic 2: Building an Integrated Cash Flow Model**

- Introduction to financial modeling
  - o Understanding the links between the financial statements
  - Understanding circularity
  - Setting up and formatting the model
  - o Selecting model drivers and assumptions
- Modeling and projecting the financial statements
  - Projecting the income statement
  - Projecting the balance sheet
  - Projecting the cash flow statement
  - Creating the debt and interest schedule
  - Revolver modeling
- Analyzing and concluding the model
  - Analyzing the output
  - Stress testing the model
  - Fixing modeling errors
  - Advanced modeling techniques
- Using the model to create a Discounted Cash Flow (DCF) Analysis

## **Topic 3: Recruiting, Interviewing and Conclusion of the Course**

- Recruiting and Interviewing
  - What are financial institutions and investment banks looking for?
  - General interviewing overview
  - Qualitative/fit questions
  - Technical questions
- After the interview
  - Following up
  - o Selecting a firm
  - Selecting a group