

MT-461 Financial Modeling and Business Valuation

Financial Modeling; Analysis, Modules of Financial Modeling, Ratio Interpretation.

Debt Securities; Categories of Bonds Capital Structure; Weighted Average Cost of Capital (WACC), Balance Sheet and Cash Flows, Intrinsic Value.

Financial Statement-Analysis; Gordon Growth Model (GGM), Discounted Cash Flow (DCF) Model, Free Cash Flow to the Firm and Free Cash flow to Equity Models Project Valuation; Considerations and Calculation, Debt Structures, Equity Valuation.

Industry and Comparative Analysis; SWOT Analysis, Political, Economic, Social, Technological, Legal, and Environment (PESTEL), Porter Forces, Common-size and Horizontal Analyses, Financial and Investment Ratios.

Text book(s)

1. Jonathan Swan, "Practical Financial Modeling", 3rd Edition, Elsevier and CIMA Publishing, 2015.
2. Simon Benninga, "Financial Modelling", 5th Edition, The MIT press, 2022.

Reference Book(s)

1. John S. Tjia, "Building Financial Models", 3rd Edition, McGraw Hill, 2018.
2. Isaac Gottlieb, "Next Generation Excel", 2nd Edition, Wiley, 2013.