

Course Title	Financial Modeling for Beginners
Course Length	2 weekends (24 contact hours)
Target Audience	Individuals seeking an introduction to financial modeling and its application in business management.
Prerequisites (if any)	Familiarity with Spreadsheet software such as MS Excel/Google Sheets/Mac OS Numbers etc. Understanding accounting principles is a plus. Students must bring a laptop along with them.
Language of Instruction	English

Course Description
This course is designed for individuals with little to no prior experience in financial modeling. It covers fundamental concepts and practical skills for building financial models to support decision-making and analysis in various industries.

Course Learning Outcomes

	By the end of this course, the students should be able to:
LO1:	Understand the purpose and importance of financial modeling.
LO2:	Develop proficiency in essential functions, formulas, and formatting techniques for financial modeling.
LO3:	Learn how to create income statements, balance sheets, and cash flow statements from scratch. Understand the linkages between these statements and how they reflect a company's financial health.
LO4:	Grasp the concept of time value of money (TVM) and apply it.
LO5:	Explore different valuation methods.
LO6:	Learn how to perform sensitivity analysis and create scenario models.

Assessments/Graded Components
Completed Financial Model alongside the instructor. Pass/Fail

Course Summary			
Module	Module Name	Key Concepts/Topics Covered	Assessments

1	Introduction to Financial Modeling	Understand the purpose and importance of financial modeling. Gain insight into the key components of financial models.	n/a
2	Excel Fundamentals for Financial Modeling	Develop proficiency in Excel, covering essential functions, formulas, and formatting techniques necessary for financial modeling.	n/a
3	Financial Statements Modeling	Learn how to create income statements, balance sheets, and cash flow statements from scratch. Understand the linkages between these statements and how they reflect a company's financial health.	Construct a linked set of financial statements in spreadsheet software alongside the instructor.
4	Time Value of Money and Discounted Cash Flow (DCF) Analysis	Grasp the concept of time value of money (TVM) and apply it to perform DCF analysis. Calculate present value, future value, and apply discount rates to evaluate the attractiveness of investments.	Calculate NPV of a given set of cashflows and demonstrate the impact of the discount rate on project value.

5	Valuation Techniques	Explore different valuation methods. Understand the pros and cons of each method and when to apply them.	Become familiar with at least one valuation method and apply it to a scenario alongside the instructor.
7	Sensitivity Analysis and Scenario Modeling	Learn how to perform sensitivity analysis and create scenario models to assess the impact of changing variables on financial outcomes. Identify key drivers and assess risk.	Be able to explain the value of sensitivity analysis to business decision-making.
8	Business and Financial Planning Models	Build financial models for business planning, budgeting, and forecasting. Understand how to integrate historical data and assumptions to create future projections.	Build a basic financial model along with the instructor to apply a fundamental understanding of financial modeling.

Supplementary Reading Material

Any College Level 'Corporate Finance' Text Book will suffice. or <https://www.investopedia.com>