

Introduction to Financial Modeling

DEGREE	License	LEVEL	MBF1
PROGRAM	MBF	YEAR	2021-2022
STUDENT HOURS	30	ECTS	
SEMESTER	Semester 2	CAMPUS	Paris 2 - Assas
COORDINATOR/EMAIL	Claude Cohen claudc.cohen@usa.net		

COURSE OBJECTIVES

“Introduction to Financial Modeling” is designed for MBF students who will pursue internships in financial service organizations including advisory and transaction service firms, investment banks, private equity and venture capital funds, asset management funds and leverage finance or private debt firms. Interns will be assisting senior teams in creating and maintaining complex financial models as per client needs. This course will attempt to harness Excel skills and what constitutes good modeling practice. In-person modeling sessions will cover business planning such financial statement analysis, business plans for start-ups and established business, capital budgeting, cost of capital, and corporate valuation methods.

LEARNING OUTCOMES

After having taken this course, participants will be able to/are expected to know or understand (knowledge-based outcomes):

- LO1: Analyze financial problems, sift through complex data sets, and identify input variables & calculations.
- LO2: Use and combine advanced Excel functions and choose appropriate model design options.
- LO3: Use Excel to solve problems (i.e., use spreadsheet models as “enabling technology”).
- LO4: Develop presentation skills through effective charting.

COURSE CONTENT

Excel Main Functions

- Financial functions.
- Logical functions.
- Lookup & Reference functions.
- Date & Time functions

Introduction to Spreadsheets & Financial Models

- Model design and architecture
- Modeling best practices.
- On-line exercise

In-person Exercises

- Financial Planning & Forecasting.
- Capital Budgeting.
- Corporate Valuation.

ASSESSMENT

Individual examination in class