



المركز العالمي للتدريب والتطوير
International Centre For Training & Development



FINANCIAL MODELING Techniques Using Excel Workshop



INTERNATIONAL ACCREDITATION ORGANIZATION



UNIVERSITY OF ROCKHAMPTON
MAKING THE DIFFERENCE



Course Introduction:

Financial modeling is crucial for taking investment decisions that can have a huge financial impact on companies. By attending this course you will be able to effectively prepare and build financial models to cater for different types of investments alternatives, understand and analyze time value of money, present value, future value and weighted average cost of capital (WACC) in addition to proper analysis of financial information

Course Objectives:

By the end of the course, participants will be able to:

- Apply learned skills used in corporate financial models
- Demonstrate practical know-how of corporate valuation techniques and tools
- Construct forecasted financial statement models and perform sensitivity analysis
- Use the free cash flow technique in determining the value of a project or a company
- Develop financial models using comparable company analysis and discounted cash flow analysis

Who Should Attend?

Professionals in corporate finance, financial analysts, investment bankers, financial controllers, finance managers, professionals responsible for project valuation, project finance, portfolio managers, and professionals in the private investment industry

Course Outline:

FINANCIAL CALCULATIONS: APPLICATIONS

- Time value of money:
 - Present value (PV) and net present value (NPV)
 - Internal rate of return (IRR) and multiple IRR (MIRR)
 - Using XNPV and XIRR
- Amortization of loan schedule
- Effective yields and returns

CORPORATE FINANCIAL ANALYSIS

- Profit and loss versus balance sheet analysis
- Comparable company analysis
- Building block analysis

- Vertical, trend, and horizontal analysis
- Liquidity
 - Current, quick, and cash ratios
- Asset management and activity
 - AR and AP Turnover
 - Cash conversion cycle
 - Asset turnover
- Solvency, leverage and gearing
 - Debt, equity, and times interest earned ratios
- Assessing profitability management
 - Profit margin, gross margin, return on assets, return on equity
- Market and valuation
 - Price-earnings and earnings per share ratios
- Modeling the DuPont identity
 - The three-step models

CALCULATING COST OF CAPITAL AND CAPITAL STRUCTURE

- The Gordon dividend model
- Supernormal growth
- Calculating cost of equity and cost of debt
- Computing the expected return on the market
- Computing weighted average cost of capital (WACC)

FINANCIAL STATEMENT MODELING

- How financial models work
- Modeling income statement
- Modeling balance sheet
- Free cash flow measurement (FCF)
- Using FCF to value the firm and its equity
- Sensitivity analysis
- Discounted cash flow analysis
- Developing an integrated financial model

MODEL CONSTRUCTION TECHNIQUES

- Data tables design
- Assumptions and input variable rules
- Array functions and formulas
- Spinner data modeling
- List box data modeling
- Option box data modeling
- Acquiring and updating data from the text, access database, SQL, and the web

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Fees:

To be advised as per the course location. This rate includes participant's manual, and-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session