

Financial Planning and Analysis Using Excel

28 Sep.- 02 Oct., 2014 - Riyadh

Business Training



The time is now to build a better tomorrow

Objectives

Excel Training:

- Application Tools: Financial and Statistical
- Modeling Tools: Data Tables; Goal Seek; Solver; Scenario Manager, More!
- Data Analysis Tools: Pivot Table; Lookup Table; Chart Wizard; AutoFilter
- Macros and User Defined Functions; Custom Toolbars; Spinners, More!

Budgeting and Financial Analysis Training:

- Capital Expenditure Analysis: Scenarios and Case Studies
- Lease Analysis: Operating; Capital; Synthetic and Leveraged
- Cost of Capital and EVA Calculations: Operating v. Financing Method
- Three Methods of Business Valuation: EVA; DCF and ROI/Book Value
- FASB 95 Metrics; Automated Z-Score Analysis; More!

For Whom?

- This course is designed for financial professionals who want a state-of-the-art update and a crystal-clear explanation of advanced financial tools and techniques.
- This seminar is perfect for CFOs, CPAs, treasurers, controllers, financial and security analysts, budget analysts, internal auditors, financial planners and investment advisors.

Program Contents

Excel™ Financial Modeling Overview:

- Basic Concepts
- Linear Regression Using Excel™:
 - Forecasting Revenues
 - Forecasting Fixed and Variable Costs; Flexible Budgeting
- Using Graphics to Illustrate Models (Chart Wizard)
- Sensitivity “What If” Analysis Using Excel™ Data Tables
- Cost-Volume-Profit (CVP) Sensitivity Analysis
- Plan Profits Using Operating Leverage

Excel™ Tools and Special Features:

- Excel™ Goal Seek vs. Excel™ Data Tables: CVP Case Study
- Excel™ Solver: CVP Case Study
- Using the Scenario Manager for Multiple Solutions:
 - Creating/Editing Scenarios (Input and Result Values)
 - Using Multiple Scenario Sets
- The PivotTable Wizard (Toolbar) and PivotTable Menu Illustrated — Slice ‘n’ Dice Your Data:
 - Downloading Data and Summarizing with the PivotTable
 - Using the PivotTable Field Button to Customize Calculations
 - Using the Chart Wizard with the PivotTable Wizard
 - Creating a Calculated Field in a PivotTable
- Organizing, Summarizing and Analyzing Data with the AutoFilter (Query)
- Vlookup Tables; Hlookup Tables:
 - Conditional Functions to Find Strings or Values

- Case study: Inventory and Tax Tables
- Query vs. Lookup Function
- Auditing the Spreadsheet; Audit Toolbar.

Macro Overview and Custom Toolbars:

- Macro Record and Playback
 - Relative v. Absolute
 - VBA and Using the Visual Basic Editor and Toolbar
- Creating User Defined Functions
 - Dialog Boxes; Check Boxes and User Forms
- Creating Custom Toolbars and Display Boxes
 - Create, Display and Hide Toolbars
 - Create Built-in Buttons and Menus
 - Run a Macro from a Custom Toolbar
 - Create Custom Forms Toolbars
- Incorporating Spinners and Macros for Financial Analysis: Case Study

PV/FV Excel™ Applications/Template:

- Compound Growth Rates (Case Studies)
 - Fixed and Variable Annuities
 - Automated Financial Functions: DCF;NPV;IRR;XNPV;XIRR;MIRR
- Retirement Planning Sensitivity Analysis

Evaluating Cap Ex Proposals:

- Payback; ROI; NPV and IRR
- Lease vs. Purchase and Capitalized Leases — FASB 13 on a Spreadsheet
- Synthetic and Leveraged Leases
- Capital Budgeting using Excel™ Goal Seek
- Using Excel™ Solver to Optimize Cap Ex Decisions: Case Studies

Program Contents (Cont..)

Economic Value Added (EVA) Model:

- Overview and Definition
- Calculating the Weighted After-Tax Cost of Capital (WACC)
- The Capital Asset Pricing Model (CAPM)
- ROIC and the EVA formula
- EVA Calculations - Two Methods:
 - Operating Method
 - Financing Method
- Case Study: Calculate EVA for Your Firm (Bring Financial Report)
- How to use Value Line to Rapidly Approximate EVA for Public Firms
- How to Use EVA to Evaluate Capital Expenditure Projects (Case Study)

Business Valuation — Three Methods and Case Studies:

- Free Cash Flow, Discount Rate, Capitalized Earnings and Terminal Value
- EVA - Economic Value Added
- DCF - Using Free Cash Flow
- Book Value - Using ROE
- Modeling Sustainable Growth Rate
- Discounted Cash Flow from Operations v. Stock Price.

Financial Analysis Under Uncertain Conditions:

- Advanced Applications of the Excel™ Statistical Tool Pack
 - Moving Average Forecasts
 - Differentiating Between Linear (Trend) and Non-Linear (Growth) Forecasts
 - Smoothing for Linear Regression; Adjusting Confidence Intervals
 - Multivariate Regression Analysis
 - Probability Tools

- Using Probability Analysis for Cap Ex Decisions (Case Study)
- Monte Carlo Simulation
 - Using @RAND
- Using the Excel™ Add-In “Crystal Ball

Evaluating Financial Performance: Rapid Review of Metrics:

- Basic Metrics: Liquidity; Activity; Leverage; Profitability and Z-scores
- Cash Flow Ratios (FASB 95)
- Template for Automatic Calculations

Introduction to XBRL: Financial Analysis in a Digital World:

- History: NASDAQ and Pricewaterhouse Coopers
- Purpose and Overview
 - XML and Formatted Input
 - Tagging and Taxonomy
 - XBRL Tagging: The Digital General Ledger
 - Continuous Audit Assurance
- Microsoft Excel™ and XBRL Tagged Data
 - Universal Converters and Transparent Conversion
 - In-Class Demo
 - Understanding Taxonomies
 - Regulated Industries
 - Private Companies and XBRL Enabled Firms
- Applications and Tools
- Web-Enabled Financial Reporting

Program Details

Date : 03- 07 Aug. 2014
Time : 9.00 am – 2.00 pm
Fee : SR 6,550
Venue : Jeddah

(Course Fees include
Documentation, Lunch and
Refreshments).

Upcoming Events

How to read Financial Statements?
(Finance for Non-Finance)
(12 -16 Oct. 2014 - Jeddah)

Islamic Capital Market
(26 -30 Oct. 2014 - Khobar)

Contact

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Registration form

Participant's details.

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Country :
Telephone :
Fax :
E-mail :

Contact person responsible for training within your organization.

Name :
Position :
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If you notify us in writing of your cancellation at least 14 days prior to the event, no cancellation fee will be charged. If notification is received within 7 to 14 days before the event, a cancellation fee of 50% of the course fee will be charged. We regret that no refunds can be made if notice of cancellation is received less than 7 days before the event. An alternative participant may be substituted at any time without charge provided that Al-Jonah Training Center is informed in advance of the event.

Payment Information

After receiving your registration form, a letter and invoice will be sent to you for confirmation. Full Payment should be received 7 days prior to the event time
Fees can be paid by cheque or direct deposit at Al-Jonah Training Center account number