



Forty Plus Practical Tools & Techniques Using Excel 2010™ to Make Key Financial Decisions

8 Hours CPE!

CPE Credit: 8 Hours, Finance

Course Level: Intermediate

Prerequisite: None

Major Topics and Seminar Focus:

- Present Value Calculations for Financial Decisions
 - Input cells and modeling
 - Excel present value functions, charts and Goal Seek
- Evaluating Capital Expenditure Proposals
- FASB 13 on a Spreadsheet
- Financial Statement Analytics and SAS 56 Analytics - Conditional Formatting
- Using the Statement of Cash Flow FASB 95 for Business Analysis
 - Cash flow metrics
 - FASB 95 on a Spreadsheet
- Introduction To Business Valuation Modeling
 - Compound growth, the PE multiple and the P.E.G. multiple
 - Free cash flow, DCF, cap rates and terminal value
- Economic Value Added (EVA) Concepts and Model
 - Calculating the after-tax average weighted cost of capital (WACC)
 - The Capital Asset Pricing Model (CAPM)
 - ROIC and the EVA formula
- DuPont formula v. EVA using Excel
- Financial Modeling and Forecasting Introduction
 - Linear Regression made easy with Excel – related charting and trend lines
 - Sensitivity “what if” analysis using Excel Data Tables
- Pareto Analysis Using Excel 2010
 - Statistical functions and conditional formatting
 - Auto filters for flat data bases and audit applications
- Monte Carlo Modeling Using Excel



Bring your Laptop - Course Material Contains Valuable Templates and Features Case Studies

We Guarantee Results

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World-Class Training Since 1984

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A Practical, Comprehensive Approach . . .

Forty Plus Practical Tools & Techniques Using Excel 2010™ to Make Key Financial Decisions

Seminar Focuses on:

- Excel Financial Analysis, Ratios, “Z” Score and Trend Analysis
- Cash-flow Ratios That Benchmark Performance
- Capital Expenditures and Excel Financial Modeling
- Economic Value Added (EVA) Concepts
- Introduction to Business Valuation
- Lease v. Purchase Decisions
- Excel 2010 Tools and Special Features

Seminar Agenda . . .

Present Value Calculations for Financial Decisions

- Compound Growth Rates
 - Input cells and models
 - Future and present value calculations
 - Fixed and variable annuities
 - Discounted cash flow (DCF)
 - Net present value (NPV)
 - Internal rate of return (IRR)
 - Modified internal rate of return (MIRR)
 - The logic behind hurdle rates
- Excel present value functions and related charts
- Using Excel’s Goal Seek function for financial decisions

Evaluating Capital Expenditure Proposals

- Payback
- Return on Investment (ROI)
- NPV and IRR
- Lease v. Purchase decision
- FASB 13 (ASC 840) on a spreadsheet – automatic capital or operating lease analysis

Financial Statement Metrics and SAS 56

- Horizontal and Vertical Analysis – Excel Conditional Formatting for significant variances
- Liquidity Ratios
 - Current Ratio
 - Quick Ratio
 - Cash Ratio
- Efficiency Ratios
 - Days Sales Outstanding (DSO)
 - Days Sales in Inventory (DSI)
 - Business Operating Cycle
 - Asset Turnover
 - Disaggregated metrics and SAS 99
- Leverage Ratios
 - Debt to Equity
 - Times Interest Earned
- Profitability Ratios
 - Gross and Net Margin
 - Book v. Market Value
 - Return on Investment (ROI) vs. Return on Invested Capital (ROIC)
 - EPS, P-E Multiple, Payback and Cap Rates
- Z-Score Calculations and Going Concern Considerations
- Drafting Management’s Discussion and Analysis

Using the Statement of Cash Flow (FASB 95/ASC 220) for Business Analysis

- Basic components of cash flow
- Horizontal and Vertical Analysis
- Cash flow metrics
- FASB 95 on a Spreadsheet

The Basics of Business Valuation Modeling

- The critical importance of input cells
- Compound growth, the PE multiple and the P.E.G. multiple
- Free cash flow, DCF, the discount rate, capitalized cash flow and terminal **value**

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Detailed Seminar Agenda (continued)

Economic Value Added (EVA) Model

- Overview: Microeconomics v. GAAP
- Calculating the after-tax average weighted cost of capital (WACC)
- The Capital Asset Pricing Model (CAPM)
- ROIC and the EVA formula
- DuPont formula v. EVA

Financial Modeling and Forecasting Introduction

- Basic concepts
- Break-even analysis
- Linear Regression made easy with Excel
 - Forecasting revenues
 - Flexible budget: fixed and variable costs v. regression constant and x-coefficient
 - Using the Excel Chart/Trend line function to instantly generate a regression formula and Rho-coefficient
- Sensitivity “what if” analysis using Excel Data Tables
 - Break-even analysis and budgeting
 - Presenting retirement planning information to employees

Pareto Analysis

- Explanation and utilization
- Using Excel 2010
 - Statistical functions and conditional formatting
 - Auto filters for flat data bases and audit applications

Monte Carlo Modeling

- The Excel =RAND function/applications
- Establishing the model
- Using Excel Macro Commands
- Using Conditional Formatting



Who Should Attend?

This course is uniquely designed for both seasoned financial professionals, including auditors and accountants who want a state-of-the-art update and younger auditors/accountants/financial analysts who have a firm understanding of financial statements and concepts and would like a crystal-clear explanation of the advanced concepts utilized for financial decision making.

This seminar is perfect for CFOs, CPAs, treasurers, controllers, financial and security analysts, budget analysts, internal auditors, independent auditors, staff accountants and auditors, personal financial planners and investment advisors.

In-house Presentations Customized Seminar

When you bring *Forty Plus Practical Tools and Techniques Using Excel™ To Make Key Financial Decisions* in-house, the course encompasses a **complete financial analysis of a public company you select** including: ratio analysis; a thorough review of the company's statement of cash flow (FASB 95), including cash flow ratios, and review of the Z-score to predict bankruptcy. We also review five-year trends (trend analysis), and graph the results. As a group, we'll also calculate the company's annual Economic Value Added (added shareholder value).

Continuing Education Credits

This group-live seminar is recommended for 8 hours of CPE Finance credit. The National Center for Continuing Education is registered with the National Association of State Boards of Accountancy (NASBA), as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit.

For more information on administrative policies, contact our office at 850-561-6081.

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40+ Key Benefits of Attending

- Use Excel's Function Wizard to Immediately Calculate:
 - o Present and Future Values of an Amount
 - o Present and Future Values of an Annuity
 - o Net Present Value (NPV)
 - o Internal Rate of Return (IRR)
 - o Modified Internal Rate of Return (MIRR)
- Use Excel's Goal Seek to "back into" Your Answer
- Evaluate Capital Expenditure Proposals
 - o Non Discounted: Payback and Return on Investment (ROI)
 - o Discounted:
 - Understand Appropriate Hurdle Rates
 - Payback and ROI
 - Net Present Value (NPV) and Discounted Cash Flow (DCF)
 - Internal Rate of Return (IRR)
 - Modified Internal Rate of Return (MIRR)
- Use Excel's Chart Wizard to Chart Capital Expenditure Results
- Use an Excel Template to Calculate Financial Statement Analytics:
 - o Horizontal and Vertical Analysis
 - o Financial Metrics: Liquidity, Activity, Leverage and Profitability
 - o Z-Score Analysis to Evaluate Bankruptcy – Public and Private Companies
- Calculate and Understand the New Cash Flow Metrics
- Use Excel's =IF Function to Automate Calculations
- Calculate the Capital Asset Pricing Model
- Calculate the Weighted After-Tax Weighted Cost of Capital (WACC)
- Calculate Return on Invested Capital
- Calculate Economic Value Added
- Calculate and Compare the DuPont Formula to Economic Value Added
- Model the Firm's Optimal Cost of Capital
- Use Excel's Solver and Scenario Manager
- Gain an Introduction to Business Valuation
- Use Excel's Linear Regression Tool to Automatically Determine Fixed and Variable Costs
- Calculate Break Even
- Use Excel's Data Tables to Perform Sensitivity (What-if) Analysis
- Gain an Introduction to Excel Financial Modeling
- Use Excel's Rand and RandBetween for Monte Carlo Simulations
- Perform Pareto Analysis with Excel's Statistical Functions and Conditional Formatting
- Use Excel's Auto Filter Function to Analyze Data

Take Home Excel Templates:

- Present and Future Values of an Amount
- Present and Future Values of an Annuity
- Net Present Value (NPV)
- Internal Rate of Return (IRR)
- Modified Internal Rate of Return (MIRR)
- Financial Statement Analytics
 - o Horizontal and Vertical Analysis
 - o Financial Metrics: Liquidity, Activity, Leverage and Profitability
 - o Z-Score Analysis to Evaluate Bankruptcy – Public and Private Companies
- Weighted After-Tax Weighted Cost of Capital (WACC)
- Capital Asset Pricing Model
- Economic Value Added (EVA)
- DuPont Formula

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Custom In-House CPE Training

Key Benefits of a Custom In-House NCCE Seminar:

- **Targeted Training** - Customize your in-house program to your company's specific needs. Let us know which items in our seminar agenda you want to stress.
- **Customized Case Study** – Select any public company that you want to analyze – your firm, a client, competitor, etc. No other seminar company customizes to this extent.
- **Convenience** - Schedule your seminar when it's most convenient for you and your staff -- at your office or the location of your choice.
- **Substantial Savings** - Train a larger number of employees and staff for a significantly lower cost per person; avoid costly travel time and expenses. Cost effective for 10 or more employees. *Plus* your people have no travel costs when we train at your location – avoid travel costs.
- **Continuing Education Credits** - Enable your employees to fulfill CPE requirements. We will work with your organization as necessary to make sure that your seminar is approved for CPE in your state.

Cost Per Seminar Attendee					
Participants	10	15	20	25	30
Total Seminar Cost	Call for Pricing				
Cost Per Person	\$SAVE	\$SAVE	\$SAVE	\$SAVE	\$SAVE

Bring this course in-house and provide custom designed training to your entire organization at a great cost savings!

The fee includes a distinguished seminar leader at your site, a pre-training analysis and course tailoring with the instructor, full preparation of course materials, a seminar manual with your organization's logo emailed camera-ready in electronic format to your director of documents and much more. Your organization simply supplies meeting space, audiovisual equipment and participant refreshments; NCCE provides everything else.

We have the quality programs and expert, experienced instructors to give your company an edge in today's competitive market. Improve communication, cohesiveness and efficiency through targeted professional development opportunities. NCCE's customized in-house training programs are a convenient, cost-effective way to provide your staff with critical information that will immediately add value to your organization.

If you are interested in an in-house seminar for your group, please take the time to look over and complete the questionnaire at the end of this brochure or [online](#). It will help you pinpoint your group's needs, and will assist NCCE in putting together a top-notch seminar for your organization.

For further details on NCCE seminars, telephone NCCE at 850-561-6081 or email contact@nccetraining.com

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NCCE Past In-House Seminar Clients

Partial listing of clients who have had this and other NCCE seminars presented in-house:

- Jones, Day, Reavis & Pogue
- Weil, Gotshal & Manges
- Greenberg Traurig
- Alston & Bird
- Ice, Miller
- McDermott, Will & Emery
- Drinker Biddle & Reath
- Arnall Golden & Gregory
- Irell & Manella
- Bass, Berry & Sims
- Harley – Davidson
- Oracle
- Florida Power & Light
- Burger King
- Stanley Tools
- National Institute of Science and Technology (NIST)
- Hewlett – Packard
- General Mills
- J. M. Family Enterprises
- Motorola
- Deloitte
- U. S. Small Business Administration

About the National Center for Continuing Education

Since 1984, the National Center for Continuing Education (NCCE) has produced and marketed continuing professional education and executive training in major cities throughout the United States. We provide critical business information to Fortune 1000 managers, attorneys, CPAs, healthcare administrators, engineers and business owners nationwide. For over 25 years we have offered informative, exciting continuing education led by the nation's most qualified instructors.

Your Seminar Will Be Led By One of NCCE's Expert Faculty

Bruce Clements, CPA, Ph.D., JD, MBA

Bruce is an attorney as well as a CPA and college professor. His practical work experience includes several years with a Big-4 accounting firm, operational accounting and financial analysis with a major oil company, and work as a practicing attorney and CPA. His varied education, practical work experience, and proven platform skills help him to deliver an interesting presentation.

Richard T. Balog, CPA, CFE, CIA

Richard has managed consulting engagements and led executive development programs in 25 countries and trained more than 70,000 business executives. Prior to his current position, Rick established KPMG Peat Marwick's executive education department, where he designed and taught audit training programs. He has also served as manager of program development for The Institute of Internal Auditors. Rick holds degrees in accounting and management from Loyola University and an M.S. in behavioral sciences from the University of Florida. He has won awards from The Institute of Internal Auditors and The American Institute of Certified Public Accountants for leading outstanding seminars.

Joe Weil, CPA, MBA

Joe is an exciting and dynamic professional speaker who has led over 400 financial seminars for attorneys and CPAs. He has a special talent for explaining abstract accounting and auditing concepts in a concrete, crystal-clear, entertaining manner that any financial professional can understand. Joe has owned his own CPA firm, conducted numerous forensic audits and has served as an expert witness. His philosophy is that entertainment and education should be mixed for maximum benefit and this attitude has consistently resulted in very satisfied seminar participants.

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NCCE In-House Seminar Questionnaire

Forty Plus Practical Tools & Techniques Using Excel 2010™ to Make Key Financial Decisions

Company/Firm:

COMPANY/FIRM NAME _____ TELEPHONE NUMBER _____

MAILING ADDRESS _____ FAX NUMBER _____

CITY _____ STATE _____ ZIP _____

Contact Person:

SAL _____ NAME _____ TITLE _____

CONTACT TELEPHONE NUMBER _____ EMAIL ADDRESS _____

Basic In-House Information:

DATES DESIRED _____ LOCATION _____

HOW MANY WILL ATTEND? _____ ATTENDED NCCE TRAINING BEFORE? _____

ATTENDEE TITLES _____

ATTENDEE EDUCATION BACKGROUND AND EXPERIENCE _____

WHY IS TRAINING NEEDED? _____

PUBLIC COMPANY TO ANALYZE _____

Additional Information:

We Guarantee Results

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