CFA Society Vancouver
Mining Financial Modelling Workshop & Advanced Excel Workshop

March 2, 3 & 4, 2016
UBC Robson Square
800 Robson Street
Vancouver, BC

CFA Society Vancouver
604-985-9889 | info@cfavancouver.com | www.cfavancouver.com
Who Should Attend?

This seminar is designed for investment professionals with practical experience in investment management, financial valuation, private capital or quantitative analysis. It will be most valuable to individuals working with asset managers, pension funds, investment banks, family offices, investment counselors, insurance companies and other financial services organizations.

The Marquee Group has conducted financial modelling seminars for a number of organizations, including CFA societies in Canada, such as CFA Society Toronto and CFA Society Calgary. Past participants taught by the Marquee Group include:

- Portfolio Managers
- Investment Officers
- Securities Analysts
- Investment Officers
- Investment Bankers
- Financial Valuators
- Equity Research Analysts
- Investment Consultants
- Commercial Bankers
- Corporate Finance Professionals
- Corporate Development Professionals

Schedule: 8:30 am – 5:00 pm

Seminar fee includes coffee, lunch, and refreshments throughout the day.

- Members/Candidate Members (3 Days): $1,475
- Members/Candidate Members (Days 1 & 2): $1,150
- Members/Candidate Members (Day 3 only): $600
- Non-Members/Candidates (3 Days): $1,675
- Non-Members/Candidates (Days 1 & 2): $1,350
- Non-Members/Candidates (Day 3 only): $700

Register online

Course Instructor
Duncan McKeen is a Principal of The Marquee Group. He has extensive experience in Equity Research where he focused on the resource sector analyzing commodities and mining companies. Duncan is passionate about teaching and uses a very interactive approach to deliver course content. He has taught finance courses at the Queen’s University School of Business and has organized and delivered global equity conferences as a Research Analyst. Duncan also has extensive experience marketing and presenting investment ideas to institutional buy-side clients.

Previously, Duncan worked in the Capital Markets for over 10 years. During this time, he was a Senior Vice President and Mining Analyst at Macquarie Capital Markets and a Vice President and Mining Analyst at GMP Securities. Duncan has built and managed research teams covering portfolios in excess of $140 billion. He has published institutional equity research on base metals, coal, fertilizers, uranium and platinum group metals. Prior to joining the financial community, Duncan worked with Ingersoll-Rand as a Mining Product Manager and a Technical Sales Engineer.

Duncan received his Master of Finance degree from the Queen’s University School of Business and a Bachelor of Engineering degree from McGill University. He has also attained the Chartered Financial Analyst (CFA) designation.
Mining Financial Modelling 2 Day Course  
(Understanding & Analyzing a Mining Company)

This course focuses on the skills required to design and create a dynamic financial model of a mining company that is developing an open-pit mine to produce base and precious metals. Issues related to mining, milling and processing will be discussed. The course material includes model design, logic, construction and financial concepts to create a best-in-class financial model of a mining company. Various intermediate Excel tools along with helpful keyboard shortcuts will also be covered throughout the course.

To ensure delivery of the highest quality program, this class will be limited to its optimal size.

Participants will be required to bring their own laptops and will be expected to have the correct software installed.

This course is taught in Excel 2007

DAYS 1 & 2 AGENDA

CREATING A DYNAMIC STAND-ALONE COMPANY MODEL

Learning Topics:

Design and Structure a Financial Model
- Design and layout a financial model clearly and logically
- Discuss the need for a model to serve as a marketing tool
- Create clearly defined inputs and assumptions sections

Build Powerful Scenarios and Financial Statements
- Use switches to create effective scenarios and value drivers
- Forecast and build-up the project’s revenues and expenses
- Construct all necessary schedules, including:
  - Commodity pricing fundamentals (includes hedging for primary and secondary minerals)
  - Production profile (includes construction, mining and processing profiles)
  - Variable and fixed operating costs (including mining, milling and treatment and refining charges)
  - Development and maintenance capital costs
  - Reclamation and closure costs
  - Resource tax (includes regional resource tax rules)
  - Income tax (includes federal and provincial taxation)
- Develop a cash flow projection for the mining company
- Forecast the company’s financial statements

Summarize the Project and the Company
- Build a detailed summary page to display the results
- Use various sensitivity tools to sensitize the project’s returns
- Conditionally format output tables to highlight specified results
Advanced Data Manipulation with Excel 1 Day Course

This one day course is an enhancement to Days One and Two and will appeal to participants who already have a strong foundation in Excel. Day Three is an intensive program that will transform participants into Excel “Power Users”. The course is focused on the pertinent Excel tools that are required in a corporate environment to efficiently analyze and manipulate data and to create compelling financial analyses.

This course covers intermediate and advanced level Excel topics. As such, students should have a good working knowledge of Excel prior to taking this course. Assignments, handouts and examples will be used throughout the day.

To ensure delivery of the highest quality program, this class will be limited to its optimal size.

Participants will be required to bring their own laptops and will be expected to have the correct software installed.

This course is taught in Excel 2007

DAY 3 AGENDA

Learning Topics:

- Use numerous built-in Excel functions to interpret and manipulate data
- Use various filters in conjunction with specific arithmetic functions to summarize large volumes of data
- Learn to use many features of the Advanced Filter, one of the most helpful and least utilized tools in Excel
- Use a variety of intermediate and advanced Lookup functions to efficiently extract specific information
- Learn multiple uses of the Lookup and Offset functions, including ways to automate these functions
- Create nested formulas to expand the flexibility of various functions
- Use powerful Text functions to manipulate non-numeric variables
- Convert non-recognizable values into useable numbers with the use of Text functions
- Learn to use some of the most effective and lesser known Pivot Table features
- Use advanced conditional formatting tools to enhance the caliber of analytical output