

November 17,19, 24 -- December 1,2, 8, 10, 2008

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## Mini-Course on Financial Modeling, Valuation and Analysis Using Excel, VBA and C++

This seven-session, not-for-credit, mini-course, will teach students the fundamentals of constructing financial models in Microsoft Excel, VBA and C++. It is designed to provide real experience in applying financial concepts to valuation models, and to teach the basic mechanics involved in financial modeling. In the process, students should be better able to recognize the intuition behind financial concepts that they have already been taught in other finance courses.

Undergraduate Certificate in Finance and Master in Finance students are strongly encouraged to attend. It is possible to take the first four sessions separately from the last three.

In the first four sessions, students will gain a proficiency in Microsoft Excel and VBA and its use as a tool for rigorous financial analysis. They will also be presented with certain commonly accepted methodologies of presentation in the areas of financial analysis and valuation. As a result of this class, students should be better able to construct a variety of financial analyses such as projections and valuations. This valuable skill will be applicable in areas as diverse as investment analysis, government service, and financial management of non-profit organizations. On-line tutorials in Microsoft Excel will be provided.

The last three sessions will introduce financial modeling using C++. This is particularly useful for students who intend to enroll in **ORF 531/FIN 531: Computational Finance in C++** during the Spring semester, which is highly recommended for **all Master in Finance** students.

The sessions will take place **8:00 p.m.–10:00 p.m.**, in the **Friend Center, Room 009**, on the following dates:

- Monday, November 17, 2007: Excel Lecture 1
- Wednesday, November 19, 2008: Excel Lecture 2
- Monday, November 24, 2008: Excel Lecture 3
- Monday, December 1, 2008: C++ Lecture 1
- Wednesday, December 3, 2008: C++ Lecture 2
- Monday, December 8, 2008: C++ Lecture 3
- Wednesday, December 10, 2008: VBA Lecture

For details, log on to the [Blackboard course site FIN01](#) (Excel and VBA) and [Blackboard course site FIN02](#) (C++).

The course is taught by [Sujay Davuluri](#).