



DEPARTMENT OF APPLIED ECONOMICS AND STATISTICS

IMPROVING MANAGERIAL DECISION MAKING WITH MICROSOFT EXCEL

A DISTANCE EDUCATION COURSE

Spreadsheet Modeling and Decision Analysis w/ Microsoft® Excel

This distance workshop has been designed for computer users to learn how to make use of Microsoft® Excel in the development of managerial models and applications. As your company requires more and more gathering and summary of a great deal of data, you might need to create real software applications on your own to expedite your decision making process when you need it most. By developing your own Excel® model and application, you will be able to create new managerial plans for your business based on the various user-friendly data analysis visual report tools that are available.

The approach we use to create Excel® applications is unique in

terms of design and interactivity. The course mentor and instructor has used this technique on the creation of several Microsoft Excel applications for economic analysis and benefited the most by reducing the time required for studying and analyzing important subjects. These applications can also help all your company's managerial staff to become more aware of opportunities to increase profits, reduce costs, and to better manage operations, procurement, logistics, finance, accounting, marketing, supply chain, and customer service.



By creating a real decision analysis application for your business activities and potential projects, you will add more quality time to your company by focusing on the results that can be obtained by accepting the solutions given by these applications. Through the use of several what-if scenarios and optimizations, you will have a lot of fresh ideas on how to go about performing a particular task or to guide your team to accomplish that task.

Is Excel® for your company?

You know you have been grappling with trying to get the most out of everyone's work experience and academic training. You probably took several hours of training on how to optimize your time and make use of the right tools to make the right decisions. Excel® is a very powerful tool for business analysis, and decision analysis.

Excel® can help you improve your decision making skills.

No other computer programming language provides the flexibility in application development that Excel® provides to non-programmers like you. In Excel®, you can forecast sales, perform capacity analysis for a new manufacturing or retail facility, perform cash flow analysis,

optimize your media selection and production mix, as well as perform sensitivity analysis and equipment replacement analysis. Business Schools and Engineering Schools are increasingly emphasizing the use of spreadsheets for managerial and economic decisions within organizations.

Instructor:

Wilder Ferreira

Mr. Ferreira has 15 years of experience in the development of Excel® applications for managerial decision analysis. He is a business consultant, an applied economist at Clemson University, a systems analyst, an industrial engineer and an adjunct professor of business statistics and economics. He is the author of the e-book EXCELLER—A Step-by-Step Guide to Creating Your Decision Support System in Excel.

Date: 05/04 to 05/29/2009

(4-week course)

Time: DISTANCE EDUCATION COURSE (online)

Cost: \$395

Textbook: EXCELLER (not included in the cost)

To buy the book:

www.amazon.com

E-mail: wferrei@clemson.edu

(864) 656-5785



Focus of Learning	
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Functions	2
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Economic Analysis	6
Decision Analysis	7
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Applied Economics & Statistics

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NAME: _____

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CHOOSE THE SESSION YOU PLAN TO ATTEND: (YOU CAN CHANGE THE SESSION LATER ON)

_____ MAY 4 - MAY 29, 2009

_____ JUNE 15 - JULY 10, 2009

_____ JULY 27 - AUGUST 21, 2009