Professor: Matt Maher
Office Phone: 426-4046
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Office Hours: TuTh 12:45-3:15 p.m. and 5:55-6:25 p.m.

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Prerequisites: FINAN 304.

Course Description: This course is a survey of financial quantitative modeling and decision making with EXCEL spreadsheet technology. For example, we will build mathematical programming models to construct pro forma financial statements, calculate cash flows and discount rates, and employ them for valuation. In addition, the class covers portfolio optimization techniques, simulation, growth rates, regression analysis, bond analysis, option pricing models and introduces macros. A significant portion of the class details the power of EXCEL to examine and present data.

Evaluation:

Assignments and Homework: These will make up approximately 55% of the grade.

Exams: Three midterms and final will be worth about 30% of the total grade.

Book Report: A book report will be worth approximately 15% of the grade.

Scale:

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<tr>
<th>Grade</th>
<th>Percentage</th>
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<tr>
<td>A</td>
<td>100-90%</td>
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<td>B</td>
<td>89-80%</td>
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<td>C</td>
<td>79-70%</td>
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<td>D</td>
<td>69-60%</td>
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<td>F</td>
<td>below 60%</td>
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Absences: Only legitimate university-wide excuses are acceptable. Written proof will be required. Important—quizzes cannot be made up.

Academic Integrity: Cheating will result in your dismissal from class and a grade of "F". Further sanctions are possible if circumstances warrant them. Note that plagiarism is cheating, do your own work on assignments.

Dates:

Midterm 1 ................. Tuesday, February 12
Midterm 2 ................. Tuesday, March 11
Midterm 3 ................. Tuesday, April 15
Final Exam
   3:15 class ............... Tuesday, May 13, 3:30-5:30 p.m.
   4:40 class ............... Thursday, May 15, 3:30-5:30 p.m.
Your task is to craft a short book report on a business book shown on the list following these instructions or another book approved by the instructor. The general criteria for approved books are that they explore the links between business, mathematics, and technology—especially well-documented books that survey and sum up the above links. Books that are essentially directed at pure “management” issues, personal investing manuals, or that simply predict future business trends without documenting the past will probably not fit the requirements of this course. The book you chose to report on has to fit the content requirements detailed below or your grade will suffer. For example, a book that has no documentation for its conclusions will be unable to fulfill the charge that you discuss the documentation.

I assume that students will honor the spirit of the course by choosing books they have not previously read and cheerfully abide by the instructor’s decision on the applicability of particular books for this assignment. The goal is to satisfy the diverse interests of the class yet maintain academic rigor. If I discover that is not the case we will probably revert to the one-book-fits-all book report assignment.

Content

Your report should discuss the chosen book on three different levels. It should detail the main argument(s) of the book, carefully discuss the evidence or documentation supporting the arguments or conclusions the book draws, and demonstrate a current business situation(s) that supports the book’s thesis. Note that you can demonstrate the last requirement (how the book applies to some real world situation) with some outside article if you so choose. Your grade will be influenced by how well you integrate the three levels discussed above.

Format and Documentation

Your report is limited to five typed, double spaced pages. The report should include a list of references (see COBE Writing Guide at http://cobe.boisestate.edu) and correct use of footnotes will be rewarded. Make sure the reader understands when direct quotes are employed or where comments
from other sources come from. You do not need a content page or a cover for the paper, simply a title page with your report's title and your name.

**Presentation**

Grading will be heavily influenced by your presentation. Be sure to give the reader a roadmap of your paper early on (this particular point cannot be emphasized enough). You should employ solid sentences, well-constructed paragraphs, and possibly headings to lead the reader through your paper.

Avoid the use of the first person (keep "I" out of your paper). Grammatical mistakes, spelling errors, penciled in corrections, illegible dot-matrix printers and the like are unacceptable and you will not be given a second chance for these types of problems. Don't forget to make the report interesting; flat, workmanlike efforts will not receive top grades. I will make an effort to give credit for "degrees of difficulty" in the book you chose for the report, but avoid writing about books you do not understand.

**DUE DATE:** Thursday, March 6 at the beginning of class (Late charge is 10% per day)

**POINTS:** 100

**Pre-Approved Books** (in random order)

* Liar’s Poker by Michael Lewis
  
* Moneyball: The Art of Winning an Unfair Game by Michael Lewis
  
* One up on Wall Street: How to Use What You Already Know To Make Money in the Market, Miniature Edition by Peter Lynch and John Rothchild
  
* Reminiscences of a Stock Operator (Wiley Investment Classics) by Edwin Lefèvre, Roger Lowenstein
  
* Inside the House of Money: Top Hedge Fund Traders on Profiting in the Global Markets by Steven Drobny

* The Intelligent Investor: The Classic Text on Value Investing by Benjamin Graham
  

* The Accidental Investment Banker: Inside the Decade that Transformed Wall Street by Jonathan A. Knee

* Barbarians at the Gate by Bryan Burrough and John Helyar
The Interpretation of Financial Statements by Benjamin Graham and Spencer B. Meredith

Value Investing: From Graham to Buffett and Beyond (Wiley Finance) by Bruce C. N. Greenwald, Judd Kahn, Paul D. Sonkin, and Michael van Biema

Evidence-Based Technical Analysis: Applying the Scientific Method and Statistical Inference to Trading Signals by David R Aronson

Financial Intelligence: A Manager's Guide to Knowing What the Numbers Really Mean by Karen Berman, Joe Knight, and John Case


The Essays of Warren Buffett : Lessons for Corporate America by Warren E. Buffett and Lawrence A. Cunningham

The Inefficient Stock Market by Robert Haugen (Prentice Hall). Note: Haugen wrote the FINAN 450 textbook, his other popular press efforts, including The New Finance and The Beast on Wall Street are also acceptable for this assignment.


The United States of Wal-Mart by John Dicker.

Good to Great: Why Some Companies Make the Leap...and Others Don't by Jim Collins

Freakonomics Levitt and Dubner

Pioneering Portfolio Management: An Unconventional Approach to Institutional Investment by David F. Swensen

The Little Book That Beats the Market by Joel Greenblatt

The Future for Investors : Why the Tried and the True Triumph Over the Bold and the New by Jeremy J. Siegel

Capital Ideas by Peter Bernstein (Free Press)

Den of Thieves by James B. Stewart (Simon and Shuster)

The Fortune Sellers: The Big Business of Buying and Selling Predictions by William Sherden

Investing Secrets of the Master by Charles Babin and William Donovan

When Genius Failed: the Rise and Fall of Long-term Capital Management by Roger Lowenstein.


A Mathematician Plays the Stock Market by John Allen Paulos

Infectious Greed: How Deceit and Risk Corrupted the Financial Markets by Frank Partnoy

The Alchemy of Finance by George Soros


The Four Pillars of Investing: Lessons for Building a Winning Portfolio by William J. Bernstein

Inefficient Markets: An Introduction to Behavioral Finance by Andrei Shleifer


Beyond Greed and Fear: Understanding Behavioral Finance and the Psychology of Investing by Hersh Shefrin

Behavioural Finance: A User’s Guide by James Montier

The Intelligent Investor Rev Ed. by Benjamin Graham, Jason Zweig


Adventure Capitalist: The Ultimate Road Trip by JIM ROGERS

The Interpretation of Financial Statements by Benjamin O. Graham, Spencer B. Meredith


A Random Walk Down Wall Street by Burton Malkiel (latest edition)