

## **FINA 4920: COMPUTERS IN FINANCE**

Applying computers to business applications especially using Excel in finance related work.

*The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.*

### **Spring 2008:**

Terry College of Business  
University of Georgia  
Daily, 9:05 – 9:55, Sanford 109.

**Instructor:** Ryan McKeon  
**Office:** G10 Brooks Hall  
**Phone:** (706) 542-7175  
**E-mail:** [rmckeon@uga.edu](mailto:rmckeon@uga.edu)  
**Course Web Site:** [webct.uga.edu](http://webct.uga.edu)  
**Office Hours:** By appointment

*For e-mails regarding queries on course material or requests for meetings please use my uga.edu e-mail address. I check this more frequently than WEBCT e-mail.*

*However, you should make a habit of checking WEBCT regularly as I will use the e-mail facility there to send general instructions and comments to the class.*

### **Course Objective:**

The main objective of the course is to learn how to use Excel to solve a variety of problems in finance. The course is very ‘hands-on’ and is expected to help you develop skills that are useful in a variety of jobs in finance, accounting, insurance, real estate and management.

### **Recommended Texts:**

*Principles of Finance with Excel*, by Simon Benninga (ISBN: 0-19-530150-1), Oxford University Press, 2006.

*The main purpose of the book for this class is to provide guidance for you when you work on topics outside of regular class time. I will not strictly follow or work from the book during class. Surf amazon.com or half.com for cheaper, second-hand versions of the book if you wish.*

**Prerequisites:** FINA 3000 (Financial Management).

**Absences:** I do not keep track of attendance during the semester, but frequent absences will hurt your chances of good scores on tests and the exam. Furthermore, 10% of the final grade will be based on attendance/compliance (as outlined below) and frequent absences from class may hurt your score in this component.

My office hours should be used for questions related to problems you are working from the book, or questions which have arisen as you reviewed your class notes or the book. I am happy to assist students, but please ensure that you first consult the syllabus and your notes when questions arise.

**Assignments:** Various assignments will be given during the course of the semester. Please pay careful attention in class and *check in on WEBCT regularly* to ensure that you are always aware of upcoming assignments and their requirements.

**Exam/Tests:** Exams and tests will only be administered at the assigned times, and a missed exam or test will carry a grade of zero unless explicitly excused by a physician or the Dean of students. Truly exceptional circumstances should be discussed with me prior to the exam.

**Class tests:** Three in-class tests will be given during the semester. These tests are scheduled for Feb 8<sup>th</sup>, Mar 7<sup>th</sup> and Apr 18<sup>th</sup>.

**Final Examination:** The final examination will be on Monday 5<sup>th</sup> May from 8:00 to 11:00 am. Students may elect to complete a project instead, details of which will be made available during the semester.

**Grade Determination:** Final grade assignments will depend upon your overall performance and will be determined as objectively as possible based on the following weights:

Class Tests	25 % weighting on each of your <u>two best</u> scores of the three
Final Exam / Project	30 %
Assignments	20%

*Your final grade will be determined solely on your scores in the above components. Regrettably, no points can be awarded for effort or amount of time spent studying.*

The following will be used as a guideline for final grades:

92.0% - 100%	A
90.0% - 91.9%	A-
88.0% - 89.9%	B+
82.0% - 87.9%	B
80.0% - 81.9%	B-
78.0% - 79.9%	C+
72.0% - 77.9%	C
70.0% - 71.9%	C-
60.0% - 69.9%	D
0.0% - 59.9%	F

**Honor code:**

All academic work must meet the standards contained in "A Culture of Honesty." Students are responsible for informing themselves about those standards before

performing any academic work. While I strongly encourage discussion with classmates, all work for grades should be completed individually.

**Course Outline:**

Topics to be covered include:

Excel fundamentals  
Formulas  
Charts  
Time value of money  
Capital budgeting  
Bond pricing  
Logical functions  
Regression analysis  
Portfolios  
PivotTables  
Options  
Random numbers

Key Dates:

**Jan 21<sup>st</sup>: MLK day – NO CLASS!**

**Feb 8<sup>th</sup>: TEST 1**

**Mar 7<sup>th</sup>: TEST 2**

**March 10<sup>th</sup> – 14<sup>th</sup>: SPRING BREAK**

**April 18<sup>th</sup>: TEST 3**

***May 5th: FINAL EXAM 8:00 – 11:00 am.***