



## FINANCIAL MANAGEMENT (BA 385T)

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<b>Professor</b>	Jay Hartzell
<b>E-Mail</b>	jhartzell@mail.utexas.edu
<b>Office Phone</b>	(512) 471-6779
<b>Course Web Page</b>	via Blackboard
<b>Teaching Assistants</b>	TBD

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### Course Objectives

Financial management provides a foundation of the main topics in financial economics covering selected topics in corporate finance and asset pricing. In corporate finance we will be discussing capital budgeting, valuation, capital structure, and payout policy. In asset pricing we will be studying the risk and return tradeoff, the Capital Asset Pricing Model, market efficiency, and derivative securities.

The course's objective is to provide a theoretical framework for considering corporate finance problems and issues and to apply these concepts in practice.

I have three primary goals for the course: (1) to give everybody a base level of finance knowledge that any MBA from a top business school should possess, (2) to give everybody the ability and confidence to tackle common financial problems in practice, and (3) to provide adequate preparation for future finance classes, especially the advanced corporate and investment classes at the McCombs School of Business.

### Leadership and this Course

The Texas MBA program is designed to develop influential business leaders. The MBA Program has identified four fundamental and broad pillars of leadership: knowledge and understanding, communication and collaboration, responsibility and integrity, and a worldview of business and society.

In this course, you will enhance your knowledge and understanding of financial management. Through class discussion, informal study groups, and formal group projects you will enhance your communication and collaboration skills. You will learn how managers should organize their financial transactions effectively and with integrity. Finally, financial markets are globally integrated and we will discuss many cases and examples involving international companies, giving you a global perspective on financial management.

### Materials

#### Required

Jonathan Berk and Peter DeMarzo: Corporate Finance. Pearson, Addison Wesley, 2007.

Harvard Business School Cases: Airbus A3XX: Developing the World's Largest Commercial Jet, Ameritrade's Cost of Capital, Marriott's Cost of Capital, Dow Chemical's Bid for the Privatization of PBB in Argentina,

Wall Street Journal, Financial Times, New York Times, Economist, or other financial press.

Financial Calculator (For example: HP-12C, HP-10B, or any calculator that will do time value and IRR calculations)

## Course Requirements and Grading

Your grade in the course will be determined as follows:

Final Exam	40%
Midterm Exam	25%
Group Homework Assignments	10%
Class Contribution	10%
Case Write-ups	15%

The grading policy for the class will have to follow the resolution of the MBA Policy Committee recommending that mean instructor GPA grades for MBA Classes in Houston fall within +/- 0.1 of 3.4.

## Final and Midterm Exam

Exams will be based primarily on material covered in class. However, they can also cover material covered in the financial press or other relevant material that we discuss in class. They will be open book, open note (only). In other words, you will not be able to consult anybody about the exams (other than the instructor), and you will not be allowed to use any other materials. There will be no makeup exams.

## Group Homework Assignments

There will be group homework assignments during the course (probably only two). The assignments will be distributed the meeting prior to the due date and need to be submitted at the beginning of the classes indicated on the assignment. Late homework will not be accepted for any reasons.

You will work in groups of two or three people, and the group composition needs to be identical for all the various assignments (cases and homework). Each group will hand in only one typed assignment.

Each group's solution should be independent work (i.e., not the work of another group).

I will leave it up to you to find groups, but if you need help, please let me know. Part of the requirements of the course is a group component – therefore, individual homework and case write-ups will not be accepted. In addition, you may not have a group of larger than the prescribed size.

## Case Write-ups

The cases are from Harvard Business School. Written analyses are to be prepared by the same groups of two or three students described above. Copies of the written reports are due at the beginning of class on the day given on the assignment. No late written reports will be accepted. Each group will hand in only one typed assignment.

Each group's write-up should be independent work (i.e., not the work of another group).

For the cases, students should try to put themselves in the shoes of the case participants at the time of the case. Students may do additional research (e.g., on the internet). Students may not look at or use case materials from any other source, such as slides, spreadsheets or discussions from other universities that may be available on the internet or otherwise. Other schools assign HBS cases, but students may not use their discussions, materials, or solutions in any way.

## McCombs Classroom Professionalism Policy

The highest professional standards are expected of all members of the McCombs community. The collective class reputation and the value of the Texas MBA experience hinges on this.

Faculty are expected to be professional and prepared to deliver value for each and every class session. Students are expected to be professional in all respects.

The Texas MBA classroom experience is enhanced when:

- **Students arrive on time.** On time arrival ensures that classes are able to start and finish at the scheduled time. On time arrival shows respect for both fellow students and faculty and it enhances learning by reducing avoidable distractions.
- **Students display their name cards.** This permits fellow students and faculty to learn names, enhancing opportunities for community building and evaluation of in-class contributions.
- **Students are fully prepared for each class.** Much of the learning in the Texas MBA program takes place during classroom discussions. When students are not prepared they cannot contribute to the overall learning process. This affects not only the individual, but their peers who count on them, as well.
- **Students attend the class section to which they are registered.** Learning is enhanced when class sizes are optimized. Limits are set to ensure a quality experience. When section hopping takes place some classes become too large and it becomes difficult to contribute. When they are too small, the breadth of experience and opinion suffers.
- **Students respect the views and opinions of their colleagues.** Disagreement and debate are encouraged. Intolerance for the views of others is unacceptable.
- **Laptops are closed and put away.** When students are surfing the web, responding to e-mail, instant messaging each other, and otherwise not devoting their full attention to the topic at hand they are doing themselves and their peers a major disservice. Those around them face additional distraction. Fellow students cannot benefit from the insights of the students who are not engaged.
- **Phones and wireless devices are turned off.** We've all heard the annoying ringing in the middle of a meeting. Not only is it not professional, it cuts off the flow of discussion when the search for the offender begins.

Remember, you are competing for the best faculty McCombs has to offer. Your professionalism and activity in class contributes to your success in attracting the best faculty to this program.

## Academic Dishonesty

The school has no tolerance for acts of academic dishonesty. Such acts damage the reputation of the school and the degree and demean the honest efforts of the majority of students. The minimum penalty for an act of academic dishonesty will be a zero for that assignment or exam.

The responsibilities for both students and faculty with regard to the Honor System are described on <http://mba.mcombs.utexas.edu/students/academics/honor/index.asp> and on the final pages of this syllabus. As the instructor for this course, I agree to observe all the faculty responsibilities described therein. During Orientation, you signed the Honor Code Pledge. In doing so, you agreed to observe all of the student responsibilities of the Honor Code. If the application of the Honor System to this class and its assignments is unclear in any way, it is your responsibility to ask me for clarification. As specific guidance for this course, you should consider the *writing* of all examinations to be an individual effort without any use of books, notes, or other unpermitted aids. Group *preparation* for examinations is acceptable and encouraged.

**Class Schedule (Tentative and Subject to Change)**

Weekend	Date	Topic	Chapter
1	Jan 9, 10	A. Class introduction; go over syllabus; Corporate Structures, the Objective Function, Agency Issues B. Introduction to Financial Decision Making NPV, Law of One Price, Intro to Interest Rates C. Time Value of Money Applications D. Interest Rates, compounding conventions, The Yield Curve, Opportunity Cost of Capital with Risk	1, 3, 4, 5
2	Jan 23, 24	E. Investment Decision Rules: NPV, IRR, Payback, EVA, PI F. Capital Budgeting – the pieces (Sunk Costs, WC, Salvage) G. Valuation and Analysis of Bonds <b>Problem Set 1 Due</b>	3, 6, 8, 24
3	Feb 6, 7	H. Valuation of Stocks – The Dividend Discount Model and Ratios I. Capital Markets and Risk The data 1926-today; risk and return tradeoff; state-probabilities; firm specific and systematic risk <b>HBS Airbus 380 Case (Due February 6<sup>th</sup>)</b>	9, 10
4	Feb 20, 21	J. Portfolio Theory – The mathematics of risk and return with 2-assets, the role of correlation, optimal portfolios and the efficient frontier K. The CAPM – The theory (equation and graph), estimating the CAPM in practice, Fama-French 3-factor model, market efficiency HBS Ameritrade Case Handout Midterm Exam <b>Problem Set 2 Due</b>	11, 12
5	Mar 6, 7	L. Capital Structure in a Perfect Market – M&M I and II; WACC M. Capital Structure with Taxes and Financial Distress N. Payout Policy – Dividends, Repurchases, and Signaling <b>Midterm Exam Due (March 6<sup>th</sup>)</b>	14-17
6	Apr 3, 4	O. Valuing a Firm – Cash Flows, DCF with WACC, APV, Valuing with Comps P. Options – Instruments, Payoffs, Determinants of Value, Black-Scholes <b>HBS Marriott Case (Due April 3<sup>rd</sup>)</b>	18-21
7	Apr 17, 18	P. Raising Debt & Equity Q. International Financial Issues <b>HBS Dow Acquisition of PBB Case (Due April 17<sup>th</sup>)</b> Handout Final Exam	23, 24, 31

## **Students with Disabilities**

Upon request, the University of Texas at Austin provides appropriate academic accommodations for qualified students with disabilities. Services for Students with Disabilities (SSD) is housed in the Office of the Dean of Students, located on the fourth floor of the Student Services Building. Information on how to register, downloadable forms, including guidelines for documentation, accommodation request letters, and releases of information are available online at <http://deanofstudents.utexas.edu/ssd/index.php>. Please do not hesitate to contact SSD at (512) 471-6259, VP: (512) 232-2937 or via e-mail if you have any questions.

## **Honor Code Purpose**

Academic honor, trust and integrity are fundamental to The University of Texas at Austin McCombs School of Business community. They contribute directly to the quality of your education and reach far beyond the campus to your overall standing within the business community. The University of Texas at Austin McCombs School of Business Honor System promotes academic honor, trust and integrity throughout the Graduate School of Business. The Honor System relies upon The University of Texas Student Standards of Conduct (Chapter 11 of the Institutional Rules on Student Service and Activities) for enforcement, but promotes ideals that are higher than merely enforceable standards. Every student is responsible for understanding and abiding by the provisions of the Honor System and the University of Texas Student Standards of Conduct. The University expects all students to obey the law, show respect for other members of the university community, perform contractual obligations, maintain absolute integrity and the highest standard of individual honor in scholastic work, and observe the highest standards of conduct. Ignorance of the Honor System or The University of Texas Student Standards of Conduct is not an acceptable excuse for violations under any circumstances.

The effectiveness of the Honor System results solely from the wholehearted and uncompromising support of each member of the Graduate School of Business community. Each member must abide by the Honor System and must be intolerant of any violations. The system is only as effective as you make it.

## **Faculty Involvement in the Honor System**

The University of Texas at Austin McCombs School of Business Faculty's commitment to the Honor System is critical to its success. It is imperative that faculty make their expectations clear to all students. They must also respond to accusations of cheating or other misconduct by students in a timely, discrete and fair manner. We urge faculty members to promote awareness of the importance of integrity through in-class discussions and assignments throughout the semester.

## **Expectations Under the Honor System**

### **Standards**

If a student is uncertain about the standards of conduct in a particular setting, he or she should ask the relevant faculty member for clarification to ensure his or her conduct falls within the expected scope of honor, trust and integrity as promoted by the Honor System. This applies to all tests, papers and group and individual work. Questions about appropriate behavior during the job search should be addressed to a professional member of the Career Services Office. Below are some of the specific examples of violations of the Honor System.

### **Lying**

Lying is any deliberate attempt to deceive another by stating an untruth, or by any direct form of communication to include the telling of a partial truth. Lying includes the use or omission of any information with the intent to deceive or mislead. Examples of lying include, but are not limited to, providing a false excuse for why a test was missed or presenting false information to a recruiter.

### **Stealing**

Stealing is wrongfully taking, obtaining, withholding, defacing or destroying any person's money, personal property, article or service, under any circumstances. Examples of stealing include, but are not limited to, removing course material from the library or hiding it from others, removing material from another person's mail

folder, securing for one's self unattended items such as calculators, books, book bags or other personal property. Another form of stealing is the duplication of copyrighted material beyond the reasonable bounds of "fair use." Defacing (e.g., "marking up" or highlighting) library books is also considered stealing, because, through a willful act, the value of another's property is decreased. (See the appendix for a detailed explanation of "fair use.")

### **Cheating**

Cheating is wrongfully and unfairly acting out of self-interest for personal gain by seeking or accepting an unauthorized advantage over one's peers. Examples include, but are not limited to, obtaining questions or answers to tests or quizzes, and getting assistance on case write-ups or other projects beyond what is authorized by the assigning instructor. It is also cheating to accept the benefit(s) of another person's theft(s) even if not actively sought. For instance, if one continues to be attentive to an overhead conversation about a test or case write-up even if initial exposure to such information was accidental and beyond the control of the student in question, one is also cheating. If a student overhears a conversation or any information that any faculty member might reasonably wish to withhold from the student, the student should inform the faculty member(s) of the information and circumstance under which it was overheard.

### **Actions Required for Responding to Suspected and Known Violations**

As stated, everyone must abide by the Honor System and be intolerant of violations. If you suspect a violation has occurred, you should first speak to the suspected violator in an attempt to determine if an infraction has taken place. If, after doing so, you still believe that a violation has occurred, you must tell the suspected violator that he or she must report himself or herself to the course professor or Associate Dean of the Graduate School of Business. If the individual fails to report himself or herself within 48 hours, it then becomes your obligation to report the infraction to the course professor or the Associate Dean of the Graduate School of Business. Remember that although you are not required by regulation to take any action, our Honor System is only as effective as you make it. If you remain silent when you suspect or know of a violation, you are approving of such dishonorable conduct as the community standard. You are thereby precipitating a repetition of such violations.

### **The Honor Pledge**

The University of Texas at Austin McCombs School of Business requires each enrolled student to adopt the Honor System. The Honor Pledge best describes the conduct promoted by the Honor System. It is as follows:

"I affirm that I belong to the honorable community of The University of Texas at Austin Graduate School of Business. I will not lie, cheat or steal, nor will I tolerate those who do."

"I pledge my full support to the Honor System. I agree to be bound at all times by the Honor System and understand that any violation may result in my dismissal from the Graduate School of Business."