

EMEN 5020 Finance and Accounting for Engineering Managers

Syllabus

Textbook: Fundamentals of Financial Management: Concise Fifth Edition

Authors: Eugene F. Brigham and Joel F. Houston

Publisher: Thomson

ISBN: 0-324-54880-X (Note: this includes textbook and Aplia)

Chapter covered in the course:

- Chapter 1 An Overview of Financial Management
- Chapter 2 Time Value of Money
- Chapter 3 Financial Statements, Cash Flow, and Taxes
- Chapter 4 Analysis of Financial Statements
- Chapter 5 Financial Markets and Institutions
- Chapter 6 Interest Rates
- Chapter 7 Bonds and Their Valuation
- Chapter 8 Risk and Rates of Return
- Chapter 9 Stocks and Their Valuation
- Chapter 10 The Cost of Capital
- Chapter 11 The Basics of Capital Budgeting
- Chapter 12 Cash Flow Estimation and Risk Analysis
- Chapter 15 Working Capital Management

Grading

100 Total Points

- 50 points: Participation in eCollege online session discussion
- 50 points: Aplia graded problem sets

Scale:

- A 94 and above
- A- 90 to less than 94
- B+ 87 to less than 90
- B 83 to less than 87
- B- 80 to less than 83
- C less than 80

Course Instructor

Dr. Wayne Kirschling

Office: Engineering Center, Office Tower Room 418

Office Phone: 303-492-1211

E-mail: Wayne.Kirschling@colorado.edu

Office Hours: As arranged.

eCollege

- Register on the web at xxxxxx for access to eCollege eCompanion (look for the *register* link).
 - This web-based tool will be used as an integral part of the course to enable students to interact and download class visual aids and readings.
 - Assigned readings for each unit will be posted in eCollege. Students are expected to complete assigned readings *prior* to attending class and to actively participate in discussions in class and online.
-

Aplia Problem Set Service:

Website: <http://www.aplia.com>

You will save money if you buy the textbook and homework service together.

You have two purchase options.

Don't buy anything until you understand your alternatives.

Option A: Pay Aplia Directly

Purchase access to your course directly from Aplia on the Aplia website for \$70.00 USD. The website includes:

- Access to an online copy of your textbook.
- Content that has been customized for your textbook and course.

However, if you try using the online textbook and decide you would also like a physical textbook, you can order one from Aplia for \$50.00 USD plus \$7.50 for shipping and handling.

Option B: Purchase at Bookstore

Purchase a bundle from the bookstore, which includes:

- An Aplia Access Card containing a Payment Code that you can enter on Aplia's website as payment for your Aplia course.
- A physical textbook.

Aplia Registration

Registration Instructions:

1. Connect to <http://www.aplia.com>.
2. Click the System Configuration Test link below the Sign In and Register sections to make sure you can access all of the features on Aplia's website. This takes just a few seconds and tells you how to update your browser settings if necessary.
3. Return to <http://www.aplia.com>.

Click the New Student button and enter your Course Key: 3CGN-2CNP-HKDQ

Continue following the instructions to complete your registration.

4. If you understand your payment options, pay now. Otherwise, postpone your purchase decision by choosing the option to pay later.

You will have free access to the first four chapters of an online copy of your textbook at Aplia. You can access the remaining online chapters as soon as you submit a payment for your Aplia course.

Calculator

You will need a calculation capability for session exams.

One possibility is Microsoft Excel software.

Another possibility is a financial calculator.

[A financial calculator is highly recommended as it should be easier to use during the session exams than Excel.](#)

The authors of the textbook recommend either a HP 10BII or a HP 17B11. However, the authors note that any financial calculator with an IRR function capability will work.

The calculator that will be demonstrated is the HP 10II. If you do not already have an appropriate calculator, it is highly recommended that you purchase this calculator. It will serve you well in this class and beyond.

Online Discussion Contribution

Each student will be expected to initiate and participate in online discussions of that session's lecture and assigned readings.

Students must make their contribution for each class session no later than the day before the next class session.

Late contributions will not be accepted.

Session contributions will be graded from "0" to "4"

- "0" for missing or late
- "1" for "minimal effort"
- "2" for "one good contribution"
- "3" for "multiple good contributions"
- "4" for "exceptional"

Grading Criteria:

- Apply that session's course content to actual company situations
- Apply that session's course content to personal work experiences
- Cite authoritative sources - e.g. published articles, known authors, etc.
- Make multiple, substantive, original contributions
- Bring a new, insightful perspective to the discussion
- Provide an informed, well-articulated disagreement with instructor, textbook, or other students

Aplia Graded Problems Sets

You must submit answers to Aplia graded problem sets for each session no later than the day before the next session.

Deadlines are at 11:45 p.m. Any answers after this deadline will not be graded.

All problem sets are to be treated as exams and completed individually, without any assistance from any other person.

Graded problem sets are completed on Aplia.

Important information from Aplia:

In graded assignments, we randomize several variables to ensure that students get different "versions" of the problem. As such, Aplia assignments are designed to be done online and hence you will get a random "draw" of the question until you submit an answer. Once you submit an answer for part or all of a question, it "locks" in that version of the problem. Our database has no way of knowing which version of the problem you saw until you submit an answer to us. If you wish to view a problem, but work it out offline and come back later, we suggest viewing it (printing, if you'd like) and then clicking Submit Answer. This "locks" in your response and the current version of the problem. You just have to remember to come back later and click the appropriate answer choices.

Readings

Readings, other than those from the textbook, will be available either on the Internet or in the "Doc Sharing" section of eCollege

Lecture Videos

Lectures are recorded and made available via the Internet (for streaming and downloading).

Requirements

To successfully stream or download a course, your computer, browser, and Internet connection should meet these minimum requirements:

- PC with Windows and Internet Explorer: Currently Tegrity only supports PCs and Internet Explorer. Apple computers, other operating systems and browsers are not supported at this time. Additional compatibility may be available in the future.
- A computer with Pentium III (or equivalent) processor or better and 128 MB or more of RAM, adequate free hard drive space (each class is about 10 MB), 16-bit or better sound card and speakers (or headphones), 65,000-color or better video display card.
- Internet access with a minimum connect speed of 56Kbps; ISDN/DSL/Cable is recommended.
- Display Properties: You should view the class recording in 800x600 resolution, or higher, and use 16, 24, or 32 bit display.
- Download Tegrity Java component – Microsoft Internet Explorer: Class recordings will prompt you to "trust Tegrity" in order to install the Tegrity Java component. You can view the class even if you do not check the "trust" box. We strongly recommend you allow this installation of the Tegrity Java component for reducing download time for future viewing.
- Virtual Machine: If you are using Microsoft Internet Explorer and experience problems while viewing or closing the recording, we recommend upgrading your Virtual Machine. It can be downloaded from <http://www.java.com/en/download/manual/jsp>.
- Security: Be sure to turn off pop-up blockers, personal firewalls, and personal security in order to run Tegrity.

Access to Course Lectures

- The portal is <http://engineeringonline.colorado.edu>.
- When accessing <http://engineeringonline.colorado.edu>, you will need to use your CU IdentiKey (CU login name and password) to log in – not your e-mail address as has been the case for <http://cua.colorado.edu>.
- In order to have an IdentiKey, you have to already be registered.
- You can activate your IdentiKey by going CU Connect, <http://cuconnect.colorado.edu>, or calling 5-help.
- All new students will need to activate their Identikey before they can access the new portal.
- If you have any questions regarding your login or password, contact <mailto:cuahelp@colorado.edu>.
- Main campus students may have access to course lectures online and on CD-ROM for a fee. 7

Copyright Information

All material, whether rented or purchased, is granted to user under a limited license for sole use of the recipient. All material is copyrighted by the University of Colorado, and any reproduction, broadcast, or resale is strictly prohibited. Rented materials must be returned on the date it is due, and without prior authorization, it will be deemed to be purchased and subject to additional costs.

If Problems Persist

Please contact Andy Bartlett for more assistance.

Andy Bartlett
<mailto:Andrew.Bartlett@Colorado.EDU>
303-492-2247

303-492-2247

University Information

Engineering Management Provision

Appropriate Classroom Laptop Use: Although having a laptop in class opens up new learning possibilities for students, sometimes students utilize it in ways that are inappropriate. It is easy for your laptop to become a distraction to you and to those around you. Therefore, please refrain from instant messaging, e-mailing, surfing the Internet, playing games, writing papers, doing homework, etc. during class time. Acceptable uses include taking notes, following along with the instructor on PowerPoint, and other directed class activities, as well as working on assigned in-class activities, projects, and discussions that require laptop use.

University Provisions and Requirements

1. If you qualify for accommodations because of a disability, please submit a letter to the instructor from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. For further information, see <http://www.Colorado.EDU/disabilityservices>, contact 303-492-8671, or visit Willard 322.
2. Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or class attendance. Students for whom religious observances conflict with class schedules should contact the instructor no later than two weeks before the potential conflict to request special accommodations. See full details at http://www.colorado.edu/policies/fac_relig.html.
3. Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty have the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which they and their students express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance, and nationalities. See policies at <http://www.colorado.edu/policies/classbehavior.html> and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code.

4. All students of the University of Colorado at Boulder are responsible for knowing and adhering to the University's academic integrity policy. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode/>.

**** Students submitting exams for credit in this class will write the following on each paper submitted:
*"On my honor, as a University of Colorado at Boulder student, I have neither given nor received assistance on this work" *****

5. The University of Colorado Policy on Sexual Harassment applies to all students, staff and faculty. Sexual harassment is unwelcome sexual attention. It can involve intimidation, threats, coercion, or promises or create an environment that is hostile or offensive. Harassment may occur between members of the same or opposite gender and between any combination of members in the campus community: students, faculty, staff, and administrators. Harassment can occur anywhere on campus, including the classroom, the workplace, or a residence hall. Any student, staff or faculty member who believes s/he has been sexually harassed should contact the Office of Sexual Harassment (OSH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the OSH and the campus resources available to assist individuals who believe they have been sexually harassed can be obtained at: <http://www.colorado.edu/sexualharassment/>.
