



NYU

**TANDON SCHOOL
OF ENGINEERING**

**Department of Technology Management and Innovation
MG-GY 6093 Accounting and Finance
Spring 2018**

Professor: Frank X. Apicella

Contact Details: fxa2001@nyu.edu

Office/Hours: By Appointment
5 MetroTech Center, LC401

Class Schedule: Thursdays 6:00 – 8:30 pm Location: JABS_678

Course Pre-requisites: Graduate Standing

Course Description:

The course will focus upon accounting issues as well as financing and investment functions / decisions of the financial manager as applied to practical real world situations. We will first cover basic concepts of accounting (including cost accounting); as well as basic concepts of finance. Some of the course will involve analysis of actual case studies of real business situations. In the process of analyzing the cases students will be able to apply these accounting and finance concepts to actual business problems and their solutions.

There will be one case solution to be prepared for group presentation to the class toward the end of the semester (see Assessment below).

Course Objective:

The student should gain a thorough understanding of corporate accounting and financial issues and how managers address / solve them.

Course Structure:

The first several lecture periods will cover basic accounting and finance topics which will serve as the basis for understanding the case studies. It is crucial for success in this course that the student remain current with the readings, and analyses and solutions for exercise problems / case studies assigned. Exercises will be assigned for the following class in accordance with the material covered. Case studies will be accompanied by a series of questions, the answers to which will form the basis / framework of the analyses and solutions.

Readings:

Required Text(s): The textbooks for this course are Introduction to Management Accounting – 16th Edition; Horngren / Sundem et al; Prentice Hall; – includes chapters 1-17; ISBN# 978-0-13-305878-9; and Fundamentals of Corporate Finance – by Ross Westerfield Jordan; McGraw Hill Irwin; ISBN # 978-0-07-747945-9 (note this is the Alternate Edition). Includes chapters 1-27. These should be readily available as previously used textbooks (or as rentals),

Optional Text(s): In addition, we will utilize case studies to be downloaded from the Harvard Business Publishing web site: hbsp.harvard.edu. Note, there is a nominal cost to download each case. A course-pack link will enable a discount from list price for these case studies which will also include student excel spreadsheets. Students should be proficient at using Excel. Students should also make it a point to read the Wall Street Journal which will serve as the basis for discussion of contemporary issues in accounting & finance as time permits. Examples include Company Valuation as well as Mergers & Acquisitions.

Course Assignments and Grading:

The course grade will be based on a combination of the in-class mid-term exam, group case study solution and a final exam in equal proportions. Specifically, 1/3 of the final course grade will be weighted each to: a) mid-term in-class exam; b) 1/3 to the group presentation; and c) 1/3 to the final exam which will consist of a case study which incorporates the cumulative concepts covered throughout the semester and will also be prepared in groups. The case analyses / solutions should be prepared in a combination of written (power point) and spreadsheet form which will support the conclusions reached. The final (case study) will be a ‘take home’ exam.

The anticipated dates of the examination / case study presentation are provided under the heading “Topics and Calendar”, below.

Course Topic Outline

Class Date and Topic	Readings, Assignments, & Exams
Jan. 25th Introduction to the course - Corporate Structure, Basic Accounting Preparation	Read Horngren Chapters 1 & 15; RW chapter 1
Feb. 1st Financial statements, Taxes and Cash Flow	Prep. – Read Horngren Chapters 16 & 17; RW Chapters 2 & 3
Feb. 8th Financial Statements, Taxes and Cash Flow + Accounting for Inventory AND Investments in other companies; Consolidation.	Preparation – Readings: same as previous class Dell Computer Case study – Time permitting
Feb. 15th Time Value of Money; Discounted Counted Cash Flow Stock & Bond Valuation	Read RW Chapters 4- 8 Class exercises

Feb. 22nd Cost and Cost behavior / Analysis	Preparation Read Horngren Chapter 2 & 4
March 1st Costs – Contribution Approach vs Absorption; Budgets and pricing	Preparation Horngren Chapter 5 &7 Class Exercises
March 8th Mid-Term	In Class EXAM
March 15th NO CLASS	Spring break
March 22nd Review of Exam, Project Analysis & Valuation – Making Investment Decisions	Preparation Read RW Chapters 9-11 Class exercises
March 29th Cost of Capital + Practice Problems	Preparation – Read RW Chapter 14 Class exercises
April 5th Raising Capital / Capital Structure	Preparation – Read RW Chapters 15-16 Class exercises
April 12th Risk Management	Preparation RW Chapter 23 Case study – JP Morgan
April 19th Dividends and Payout Policy and Short term Financing, Mergers and Acquisitions	Preparation – Read RW Chapters 17 & 18 Class exercises Preparation Read RW Chapter 26
April 26th Case Study	Major Capital Expansion Hansson Private Label Case study
May 3rd	All groups Case study group presentation
May 10th	Final Exam Group Case study Solution Due

Academic Integrity:

All students are responsible for understanding and complying with the NYU Statement on [Academic Integrity](#).

Academic Integrity for Students at NYU

This policy sets forth core principles and standards with respect to academic integrity for students at New York University. Each school at New York University may establish its own detailed supplemental guidelines for academic integrity, consistent with its own culture, and consistent with the University-wide general guidelines described in this document.

At NYU, a commitment to excellence, fairness, honesty, and respect within and outside the classroom is essential to maintaining the integrity of our community. By accepting membership in this community, students take responsibility for demonstrating these values in their own conduct and for recognizing and supporting these values in others. In turn, these values will create a campus climate that encourages the free exchange of ideas, promotes scholarly excellence through active and creative thought, and allows community members to achieve and be recognized for achieving their highest potential.

In pursuing these goals, NYU expects and requires its students to adhere to the highest standards of scholarship, research and academic conduct. Essential to the process of teaching and learning is the periodic assessment of students' academic progress through measures such as papers, examinations, presentations, and other projects. Academic dishonesty compromises the validity of these assessments as well as the relationship of trust within the community. Students who engage in such behavior will be subject to review and the possible imposition of penalties in accordance with the standards, practices, and procedures of NYU and its colleges and schools. Violations may result in failure on a particular assignment, failure in a course, suspension or expulsion from the University, or other penalties.

Faculty are expected to guide students in understanding other people's ideas, in developing and clarifying their own thinking, and in using and conscientiously acknowledging resources - an increasingly complex endeavor given the current environment of widely available and continually emerging electronic resources. In addition, students come to NYU from diverse educational contexts and may have understandings regarding academic expectations that differ from those at NYU. NYU values and respects all academic traditions; however, while at NYU, students are expected to adhere to the norms and standards of academic integrity espoused by the NYU community and will be assessed in accordance with these standards. Students should ask their professors for guidance regarding these standards as well as style guide preferences for citation of sources for assignments in their courses.

Following are examples of behaviors that compromise the academic and intellectual community of NYU. The list is not exhaustive. Students should consult the websites and guidelines of their individual schools for an extended list of examples and for further clarification.

1. Plagiarism: presenting others' work without adequate acknowledgement of its source, as though it were one's own. Plagiarism is a form of fraud. We all stand on the shoulders of others, and we must give credit to the creators of the works that we incorporate into products that we call our own. Some examples of plagiarism:

- a sequence of words incorporated without quotation marks
- an unacknowledged passage paraphrased from another's work
- the use of ideas, sound recordings, computer data or images created by others as though it were one's own

2. Cheating: deceiving a faculty member or other individual who assess student performance into believing that one's mastery of a subject or discipline is greater than it is by a range of dishonest methods, including but not limited to:

- bringing or accessing unauthorized materials during an examination (e.g., notes, books, or other information accessed via cell phones, computers, other technology or any other means)

- providing assistance to acts of academic misconduct/dishonesty (e.g., sharing copies of exams via cell phones, computers, other technology or any other means, allowing others to copy answers on an exam)
 - submitting the same or substantially similar work in multiple courses, either in the same semester or in a different semester, without the express approval of all instructors
 - submitting work (papers, homework assignments, computer programs, experimental results, artwork, etc.) that was created by another, substantially or in whole, as one's own
 - submitting answers on an exam that were obtained from the work of another person or providing answers or assistance to others during an exam when not explicitly permitted by the instructor
 - submitting evaluations of group members' work for an assigned group project which misrepresent the work that was performed by another group member
 - altering or forging academic documents, including but not limited to admissions materials, academic records, grade reports, add/drop forms, course registration forms, etc.
3. Any behavior that violates the academic policies set forth by the student's NYU School, department, or division.

Moses Center Statement of Disability

If you are student with a disability who is requesting accommodations, please contact New York University's Moses Center for Students with Disabilities at [212-998-4980](tel:212-998-4980) or mosescsd@nyu.edu. You must be registered with CSD to receive accommodations. Information about the Moses Center can be found at www.nyu.edu/csd. The Moses Center is located at 726 Broadway on the 2nd floor.