



Carleton
University

Sprett
School of Business

CARLETON UNIVERSITY
BUSI 3500 A & B
Fall 2023
Applied Corporate Finance

Instructor:	Dr. Sana Mohsni	Office: NI7023
Modality:	In-person	
Section A:	Wednesday 14:35-17:25	Classroom: NI1020
Section B:	Wednesday 11:35 – 14:25	Classroom: CB3101
Office Hours:	Thursday 9:00 10:30 am	
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TA: TBA
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Course Calendar Description

An examination of the major issues in corporate finance and applied financial management. Topics include: introduction to portfolio theory, the capital asset pricing model, cost of capital, capital structure and dividend policy, capital budgeting under uncertainty, mergers and consolidations.

Prerequisites

BUSI 2501 or BUSI 2505 (with a grade of C+ or higher in each), and STAT 2601 or STAT 2606 and ECON 1001 and ECON 1002 and MATH 1009 (with a grade of C- or higher in each).

The School of Business enforces all prerequisites.

This Course is prerequisite for

BUSI 4500 Advanced Corporate Finance and BUSI 4510 Mergers and Acquisition (with a grade of C- or higher).

Course Description and Learning Outcomes

An examination of the major issues in corporate finance and applied financial management. Topics include: introduction to portfolio theory, the capital asset pricing model, cost of capital, capital structure and dividend policy, lease financing, capital budgeting under uncertainty, mergers and consolidations.

Valuation is the end game, where all of the aspects of corporate finance - investing, financing and dividend policies - come together in one number- *Aswath Damodaran*.

On successful completion of this course, you will be able to:

- Identify and discuss corporate governance issues affecting corporations.
- Explain the trade-off between risk and return and compare the perspective of a firm making project decisions to that of outside investors evaluating the firm.
- Analyze long-term investment, financing and payout decisions of a corporation and be able to identify and discuss the theory and practice of Cost of capital, Capital structure, and Dividend policy.
- Value a firm using different valuation approaches.

Required Text

Aswath Damodaran, **Applied Corporate Finance**, 4th Edition, Wiley, 2014.

Grading and Course Evaluation

Due date

Participation Quizzes (10)	5%	Weekly, online, will be available on Brightspace after each class.
Live Case Study (Group work) (Report and Presentation)	30%	Weekly due dates on the intermediate steps, and a final due date on Dec 6, softcopy, at midnight,
Quizzes (2)	10%	Oct 4, Nov 22, in-person online, to be written at the beginning of the class, bring your laptop
Midterm Test	25%	Nov 1 st , virtual online
Final Examination	30%	TBD

NB: Successful completion of the course requires a pass (at least 50%) of the final examination mark.

Missing Tests/Deadlines

The only valid excuse for missing a test, including the midterm test, or a deadline is for medical reasons or death in the family and must be documented with a medical certificate. Any other reason (such as travel, etc...) will not be considered. If you miss the midterm tests or a deadline for a reason that is not deemed as legitimate, your mark will be zero.

Live case study (Group work): This is a group work, therefore, you should form your group on the first day of class. Each group will have 4 to 5 members. You are responsible for choosing your teammates. One of the group members should email your group list to the instructor soon after the first class. Throughout the semester, each student will work in a

group to investigate the financial aspects of a US or a Canadian company listed on the NYSE or the Toronto Stock Exchange (TSX). Select your company after the first class and email it to the instructor for approval. The goal of this exercise is to provide you with an opportunity to apply the concepts that will be discussed in class to a real company and to evaluate whether the company is maximizing value for its shareholders and, in the end, whether the firm is underpriced or overpriced in the marketplace. This assignment will be broken-down into weekly tasks with weekly due dates. Details of this assignment and due dates will be provided in a separate handout available on BrightSpace. Also, an example of a live case study is available on BrightSpace for your perusal. Sedar.com is a good source of information on companies listed on the Toronto Stock Exchange. The final report of the live case study is to be submitted using the appropriate Dropbox on BrightSpace.

Live Case Study Presentation: In addition to the live case study report, each group will prepare a 20-min presentation of the live case study. This presentation needs to be pre-recorded and shared with the rest of the class via BrightSpace before the last class (before the beginning of the class). Each group member needs to be actively involved in this work and present part of the material. Business attire is expected. The following sections need to be covered in your presentation:

A brief presentation of the firm, its corporate governance, its main business & main projects and the industry it operates in

- A presentation of firm valuation: methods used, assumptions made, is the firm currently over-valued/undervalued? Why? What strategy do you suggest to take advantage of any misvaluation?

-A presentation of the capital structure choices of the firm. Is the capital structure optimal? Why or why not? How to reach the optimal capital structure?

- A presentation of the payout policy. How is the firm returning cash to its owners? Do you agree with the current payout policy? Why or why not? How would you recommend the firm returns cash to its owners?

Peer Evaluation: The purpose of the peer evaluation is to provide feedback to the instructor regarding the contribution to the group projects of individual group members. For whatever reason, some members of the group may not contribute as much as everyone else. To ensure that each member of the group gets the correct credit for his/her work, each student should submit by email the rating of the members of your group on the day the particular group work is due. The marks for each individual will be averaged to get the weighting for evaluating the group work. Each group is allocated a total of 100 points to be distributed amongst the group members. Based on your estimation of the contribution of each member of the group, distribute the points among your team mates, including yourself (The total should be 100). For example, if your group consists of four individuals and if each contributed equally, each member (including yourself) should be allocated 25 of the 100 points. If I do not receive this form from an individual student, I will assume that the student has chosen to distribute the points equally amongst the group members. The due date on the peer evaluation form is the same as the due date on the Live Case Study. No need to send the form if everyone contributed equally to the work.

Quizzes (2 quizzes): To encourage you to keep up with the course material and to measure your understanding of the material, I will administer 2 in-class quizzes. The quizzes will be written online at the beginning of the class, so make sure to bring your laptop on the quiz dates. Quiz 1 will test you on material covered in Lectures 2, 3 and 4 and Quiz 2 will test you on material covered in Lectures 9 and 10. Each quiz will be 20-30 minutes in duration and will consist of multiple choice questions. Quizzes will be administered via BrightSpace. Note that there will be no make-up quiz.

Participation Quizzes (10 quizzes): To help you keep up with the class material and encourage you to go over the lectures in a consistent and timely manner, 10 participation quizzes will be administered. These are short quizzes (multiple choice questions) that will test your understanding of the material covered in that week's lecture. Each weekly quiz will be available on BrightSpace immediately after that week's class and you will have 5 days to work on the quiz. After then, the quiz will disappear, and you will not be able to work on it. There will be no make-up quizzes. Each quiz is worth 0.5% for a total of 5% (for all 10 quizzes)

Mid-term Exam

The mid-term test will be held in the week shown in the class schedule. For this test, you will be required to know the material examined before the break. The midterm exam will be a mix of multiple choice questions and numerical problems and will test you both on the theory and the application of corporate finance. The midterm exam will be administered via BrightSpace and will be taken during class-time. Make sure you are available to write the midterm exam. The midterm exam will be a 2-hour exam. Practice midterm exam questions will be posted to BrightSpace.

Final Exam: The final examination will test your understanding of the concepts covered in both the lecture and case components of the course. It will be held during the final examination period. It will be a mix of multiple choice questions and numerical problems. Given the nature of this examination, the only valid excuse for missing the exam is one of a medical nature and must be documented by a medical certificate. If the exam is missed for medical reasons, students will have to apply for a deferred examination. Practice questions that will be posted to BrightSpace will help you prepare for the exams. The date and time of the final exam will be announced through the University's normal procedures for such matters. Make sure you are available for the final exam. The format of the final exam (online or in-person) will be communicated on the first class.

Only Texas Instruments BA II Plus calculators can be used in the examination.

NOTE: 1. The final exam will be comprehensive, covering material from the entire course. If you are awarded less than 50% on the final exam, you will receive an "F", regardless of your total mark in the course.

2. Students who do not demonstrate a minimum level of performance during the term will not be allowed to defer the final exam. The requirement for satisfactory in-term performance is an overall mark of 50% or better on the assignments and quizzes. Students with unsatisfactory in-term performance who miss the final exam will be awarded FND for the course.

What is expected of you

1. Attend all lectures and watch any related videos and recordings. The topics that will be covered in this course are cumulative. So make sure to attend all classes. Missing a lecture could adversely affect your understanding of subsequent materials.
2. Write the weekly participation quizzes. These are online quizzes that are designed to check your understanding and help you keep up with the class material.
4. Assemble a group and pick your company for the Live Case Study as soon as possible. You should pick a company that has good disclosure and research coverage. Work on the weekly Live Case Study tasks. To be able to do a good analysis, you should start sooner rather than later and work on the Live Case on a weekly basis.
5. Read the relevant chapters of the textbook before each lecture.
6. Attempt the assigned practice questions. You may browse the Applied Corporate Finance Website and try some of the chapter questions.
7. Read the business section of at least one major newspaper (e.g. The Globe & Mail, Report on Business or The National Post (Daily), and The Wall Street Journal) to keep up with the latest developments in the Finance community.
8. Write all quizzes and the exam. Participate actively in your group work, and make time to go over the course material before and after each class.

Course Schedule

Week		Lecture/Case*	Readings: Damodaran (D)
1	Sep 6	Introduction: the objective of corporate finance decisions and Governance issues.	D1, D2
2	Sep 13	Risk measurement and determination of the cost of capital in practice I	D3, D4
3	Sep 20	Risk measurement and determination of the cost of capital in practice II	D3, D4
4	Oct 27	Practical issues in capital budgeting I,	D5
5	Oct 4	Practical issues in capital budgeting II, Quiz #1	D5 D6-Options embedded in projects
6	Oct 11	Valuation I	D12
7	Oct 18	Valuation II	D12
		Fall Break	
8	Nov 1	Midterm Exam (online to be taken during regular class time)	
9	Nov 8	Determining Optimal Capital structure in practice I	D7, D8
10	Nov 15	Determining Optimal Capital structure in practice II	D8
11	Nov 22	Dividend policy, Quiz #2	D10
12	Nov 29	Introduction to Mergers and Acquisitions, time permitting OR Review Session	
13	Dec 6	No formal class- The recorded presentation of the live case study is due at the beginning of the class time, Live Case Study due date (midnight)	

*While every attempt will be made to keep to the schedule above, circumstances may necessitate modifications during the semester.

Contribution to Learning Goals of the Program ([BCom](#), [BIB](#)):

Program Learning Goal	Competencies Not Covered	Competencies Introduced (only)	Competencies Taught But Not Assessed	Competencies Taught and Assessed
CHECK (X) ONE PER ROW				
BC1 Knowledge <i>Graduates will be skilled in applying foundational business knowledge to appropriate business contexts.</i>				X
BC2 Collaboration <i>Graduates will be collaborative and effective contributors in team environments that respect the experience, expertise and interest of all members.</i>				X
BC3 Critical Thinking <i>Graduates will be discerning critical thinkers, able to discuss different viewpoints, challenge biases and assumptions, and draw conclusions based on analysis and evaluation.</i>				X

<p>BC4 Communication <i>Graduates will be effective and persuasive in their communications.</i></p>				<p>X</p>
<p>BI5 Global Awareness (BIB ONLY) <i>Graduates will be globally-minded.</i></p>	<p>X</p>			

ADDITIONAL INFORMATION

Course Sharing Websites

Materials created for this course (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the author(s). They are intended for personal use and may not be reproduced or redistributed without prior written consent of the author(s).

Required calculator in BUSI course examinations

If you are purchasing a calculator, we recommend any one of the following options: Texas Instruments BA II Plus (including Pro Model), Hewlett Packard HP 12C (including Platinum model), Staples Financial Calculator, Sharp EL-738C & Hewlett Packard HP 10bII

Group work

The Spratt School of Business encourages group assignments in the school for several reasons. They provide you with opportunities to develop and enhance interpersonal, communication, leadership, follower-ship and other group skills. Group assignments are also good for learning integrative skills for putting together a complex task. Your professor may assign one or more group tasks/assignments/projects in this course. Before embarking on a specific problem as a group, it is your responsibility to ensure that the problem is meant to be a group assignment and not an individual one.

Grading

In accordance with the Carleton University Undergraduate Calendar (p 34), the letter grades assigned in this course will have the following percentage equivalents:

A+ = 90-100	B+ = 77-79	C+ = 67-69	D+ = 57-59
A = 85-89	B = 73-76	C = 63-66	D = 53-56
A - = 80-84	B - = 70-72	C - = 60-62	D - = 50-52
F = Below 50			

Grades entered by Registrar:

WDN = Withdrawn from the course

DEF = Deferred

Academic Regulations

University rules regarding registration, withdrawal, appealing marks, and most anything else you might need to know can be found on the university's website, here:

<http://calendar.carleton.ca/undergrad/regulations/academicregulationsoftheuniversity/>

Requests for Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request, the processes are as follows:

Pregnancy Accommodation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Religious obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Academic Accommodations for Students with Disabilities

If you have a documented disability requiring academic accommodations in this course, please contact the Paul Menton Centre for Students with Disabilities (PMC) at 613-520-6608 or pmc@carleton.ca for a formal evaluation or contact your PMC coordinator to send your instructor your Letter of Accommodation at the beginning of the term. You must also contact the PMC no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with your instructor as soon as possible to ensure accommodation arrangements are made.
carleton.ca/pmc

Survivors of Sexual Violence

As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and its survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: carleton.ca/sexual-violence-support

Accommodation for Student Activities

Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. <https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf>

For more information on academic accommodation, please contact the departmental administrator or visit: students.carleton.ca/course-outline

Academic Integrity

Violations of academic integrity are a serious academic offence. Violations of academic integrity – presenting another's ideas, arguments, words or images as your own, using unauthorized material, misrepresentation, fabricating or misrepresenting research data,

unauthorized co-operation or collaboration or completing work for another student – weaken the quality of the degree and will not be tolerated.

Process: If an alleged violation occurs, all relevant documentation will be forwarded to the Dean. If the allegation proves true, the penalties may include; a grade of Failure on the submitted work and/or course; academic probation; a refusal of permission to continue or to register in a specific degree program; suspension from full-time studies; suspension from all studies at Carleton; expulsion from Carleton, amongst others. **For a first offence, at a minimum, the penalty assigned will normally be a zero on the submitted work and at least a minimum full grade reduction of the final course grade. For a second offence, at a minimum, the penalty assigned will normally lead to a suspension from studies.**

Students are expected to familiarize themselves with and follow the Carleton University Student Academic Integrity Policy which is available, along with resources for compliance at: <https://carleton.ca/registrar/academic-integrity/>.

Sprott Student Services

The Sprott Undergraduate Student Services Office offers program advising and overall student success support. Our team is available to discuss your academic goals and your program progression plans. We can also work with you to develop strategies for success, including study skills for Business. If you experience any difficulty this term or if you would like to access support, please contact our team at bcom@sprott.carleton.ca or at bib@sprott.carleton.ca.

Centre for Student Academic Support

The Centre for Student Academic Support (CSAS) is a centralized collection of learning support services designed to help students achieve their goals and improve their learning both inside and outside the classroom. CSAS offers academic assistance with course content, academic writing and skills development. Visit CSAS on the 4th floor of MacOdrum Library or online at: carleton.ca/csas.

Important Information:

- Students must always retain a copy of all work that is submitted.
- All final grades are subject to the Dean's approval.
- For us to respond to your emails, we need to see your full name, CU ID, and the email must be written from your valid CARLETON address. Therefore, in order to respond to your inquiries, please send all email from your Carleton CMail account. If you do not have or have yet to activate this account, you may wish to do so by visiting <https://carleton.ca/its/get-started/new-students-2/>