



**Carleton**  
University

**Sprett**  
School of Business

**FINA 5502 D**  
**FALL 2021**  
**CORPORATE FINANCE**

**Instructor:** Sana Mohsni, PhD  
**Office:** 7023 Nicol Building  
**Class Schedule:** Wednesday 6:05 pm – 8:55 pm  
**Office Hours:** Thursday 9:00 am-10:30 pm  
**Email:** sana.mohsni@carleton.ca

**Modality: \*Online (75% asynchronous and 25% synchronous)**

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**Calendar Description**

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Aspects of corporate finance of most concern to managers: investment, financing and payout decisions, corporate restructuring. Case studies will be used.

**Pre-requisite**

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FINA 5501

**Course Description**

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This course offers a broad overview of finance from the perspective of the financial manager. It focuses on investment and financing choices faced by the firm, its decisions about capital structure and dividend policy as well as working capital management. This is the second of the two core courses in finance and the course is designed to meet the needs of a wide variety of students. For some, this is a terminal course in finance; for others it is a gateway course to a finance concentration. Thus, the course content covers broad but key concepts, principles, and analytical tools that are of interest to anyone who intends to work in business. The course should also help you gain an appreciation for some key areas of financial decision-making and its importance to the success of the enterprise.

**Course objectives**

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Upon completion of this course, students will be expected to have:

1. An understanding of the trade-off between risk and return
2. The knowledge needed to assess projects and use DCF to make capital budgeting decisions
3. An understanding of the financing choices faced by the financial manager and the tradeoffs associated with financing by way of debt and equity, and financing by way of internal sources and external sources;
4. An understanding of the dividend policy and the different means that a firm can use to return capital to its shareholders

### **Instructional Method**

This course will be offered online. Sessions will be pre-recorded and posted on Brightspace every week before the start of the class. You are expected to view these pre-recorded sessions during regular class-time. The recorded material can range from 1h30 min to 2h. The last 45 min of each class will be conducted live via Zoom and will be used to answer questions and to address any issues that you may have with the class material (Zoom Q&A session). The purpose of these zoom sessions is to answer questions and clarify material covered in the pre-recorded sessions. No additional material will be covered during these live sessions.

### **Class Format**

The course is comprised of six three-hour class meetings. Class time will be used in part for lectures. Class time not devoted to lectures will be used to address mini-cases and sample problems. The sessions are expected to be interactive and class participation is encouraged.

### **Textbook**

Brealey, Myers, Marcus, Maynes, and Mitra, *Fundamentals of Corporate Finance*, McGraw-Hill Ryerson, 6<sup>th</sup> Canadian Edition.

<b>Grading</b>		<b>Due Date</b>
Quizzes (13%+12%)	25%	Sep 29 <sup>th</sup> & Oct 13 <sup>th</sup>
Case study	10%	Oct 13 <sup>th</sup> at midnight
Live case study	25%	Oct 15 <sup>th</sup> at midnight
Presentation Live case study	5%	Oct 15 <sup>th</sup> at midnight
Final exam	35%	Oct 20
Total	100%	

**Quizzes:** To encourage you to keep up with the course material and to assess your understanding of concepts covered in class, two in-class online quizzes will be administered in this course (in-class online means that the quizzes will be administered online during the regular class time). Each quiz will be 20-30 minutes in duration, will be administered at the beginning of the class, and will consist of multiple choice questions that will test your understanding of the theory and application of corporate finance. Quiz#1 will test you on material covered in Lectures 1, 2, and 3, and Quiz#2 will test you on material covered in Lectures 4 and 5. The quizzes will be closed-book but you can use a one-page self-prepared formulae sheet. Students will be allowed to use a TI BAII plus calculator or equivalent. Note that there will be no make-up quiz.

**Case study (Group work):** One of the most important requirements for this course is a thorough preparation and analysis of an assigned case. *The title of this year's case is: Heera Ceramics Private Ltd: Estimating Hurdle Rate (to be purchased from The Case Centre at thecasecentre.org).* This is a group work and you should form your group on the first day of class. Each group will have 4 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. Each group will be responsible for analyzing the case and preparing a detailed write-up. The write-up will be word-processed and professionally written with a maximum length of 3000 words (excluding appendices). The first page of your report will consist of an executive summary of the group's analysis and recommendations. The subsequent pages will document the analysis and reasoning. Numerical analyses that are referred to in the write-up should be provided as appendices. The report is due on the last class by midnight. The report is to be submitted via Brightspace using the appropriate Dropbox.

Cases will be evaluated using the following criteria:

- a. Thoroughness of preparation as revealed in the written report
- b. Knowledge and application of relevant theories and techniques covered in class
- c. Ability to present a well-prepared analysis
- d. Ability to formulate and present sound diagnosis and recommendations

**Case preparation:** In order to derive maximum benefits from the cases, it is essential that you mentally 'get inside' the case situation. Do not approach a case as you would a chapter in a book or an article in a magazine. You are not an observer, but a participant. If a case centers on a decision that needs to be made, put yourself in the shoes of the decision maker. Feel the frustration he or she feels with respect to data limitations. Feel the pressures he or she feels with respect to difficult tradeoffs, limited resources, political conflicts, or whatever. Once in class, share your ideas with others. In preparing the cases, the following simple rules may be useful:

- (1) Adopt a management posture in analyzing cases. Use the assignment questions as a guide only. Your answer should highlight what you, as a manager, see as the strengths or weaknesses in a given situation.
- (2) Familiarize yourself with the facts of the case. Outline the industry and competitive context and the core strategic tasks that the firm should excel at.
- (3) Support your analysis with facts from the case. Most cases will not contain all data you might like to have. Nevertheless, you'll be surprised at how easily you can make accurate inferences and useful assumptions, if you simply give the current management the benefit of the doubt.

**Live case study (Group work):** 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. 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. Details of this assignment 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 (Dec 11, 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's risk and return profile What is the risk profile of your company? How much overall risk is there in this firm? What is its beta and market risk? What is the performance profile of an investment in this company? What return would you have earned investing in this company's stock?

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

- 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?

**Final exam:** A final exam will be conducted online via Brightspace during the usual MBA exam period. It will be a 3-hour exam and all students will be writing the exam at the same time with webcams on. The final exam will be a mix of multiple-choice questions and problems, and will test your knowledge of the theory and applications of corporate finance covered in class and in the readings. The final exam is closed-book and closed-notes. Students will be allowed to use a financial calculator and a formulae sheet. Practice questions that will be posted on Brightspace will help you prepare for the exam. Students unable to write a final examination because of illness or other circumstances beyond their control must contact the instructor and the MBA office in writing to request a deferred exam. Permission may be granted when the absence is supported by a medical certificate and or appropriate document/s to support the reason for the deferral. **Allowance will not be made for conflicting travel plans.**

### **Late Assignments:**

To ensure fairness for all students, penalties will be applied to late assignments: Failure to submit an assignment on time will result in an initial penalty of five (5) percentage points, followed by an additional (2) percentage points per day thereafter. For example, an assignment that would normally merit a grade of 80% would receive a grade of 75% if submitted after the deadline on the due date, 73% if submitted the following day, and so on. Requests for extension will be considered in cases of illness, family emergency, or other exceptional circumstances.

### **Expectations**

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1. View all pre-recorded lectures and attend all Q&A sessions. The topics that will be covered in this course are cumulative. Missing a lecture could adversely affect your understanding of subsequent materials.
2. Individually read and prepare the assigned case. Then meet with your group to discuss each other's ideas and analyses.

3. Read and prepare the assigned case and be prepared to participate in the discussion. Much of the learning from cases comes through participation and discussion, including discussion within your group before class.
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. To be able to do a good analysis, you should start sooner rather than later.
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.
9. You are responsible for material covered in class and in the textbook chapters addressed in the course.

**Drop Course Policy:** The deadline for academic withdrawal is the last day of classes (each term).

### Course Schedule

Week	Date	Topic	Chapter
Week1	Sep 8	Risk and return	Ch. 11&12
Week 2	Sep 15	Cost of capital	Ch.13
Week 3	Sep 22	Using DCF to make investment decisions	Ch. 9
Week 4	Sep 29	Raising capital <b>Quiz #1</b>	Ch. 15
Week 5	Oct 6	Leverage and capital structure	Ch. 16
Week 6	Oct 13	Dividend policy <b>Quiz #2</b> <b>Case Study Due: Heera Ceramics Private Ltd</b>	Ch. 18

### Contribution to Program Learning Goals ([MBA](#)):

MBA Learning Goal	Not Covered	Introduced	Taught but Not Assessed	Taught and Assessed
<b>MB1 Leadership and Collaboration</b> <i>Graduates will be equipped for leadership and collaboration.</i>		✓		
<b>MB2 Communication</b>				✓

<i>Graduates will be effective communicators</i>				
<b>MB3 Critical Thinking and Problem Solving</b> <i>Graduates will be skilled in critical thinking and problem solving.</i>				✓
<b>MB4 Functional Knowledge</b> <i>Graduates will have functional knowledge of all areas of business.</i>				✓
<b>MB5 Global Business</b> <i>Graduates will have an appreciation of the global environment of business.</i>				✓
<b>MB6 Ethical Reasoning</b> <i>Graduates will be skilled in ethical reasoning and decision-making.</i>	✓			

## *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).

### **Recommended Calculator for 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 Sprott School of Business encourages group assignments. They provide you with opportunities to develop and enhance interpersonal, communication, leadership, followership and other group skills. Group assignments are also an effective way to learn integrative skills for putting together a complex task. Your professor may assign one or more group tasks, assignments, or 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.

#### **Peer Evaluation for Group Work**

To deter social loafing and ensure fairness in grading, you will be asked to assess the contribution of your fellow group members. This information will be used when assigning the grade for the final project. The procedure is as follows: Each student should take 100 points and allocate those points to the various members of the group (including him or herself) to reflect the contributions made by each member. For instance, if there are four members in a group and everyone contributed equally, each individual would receive 25 points. Conversely, if an individual contributed relatively little, the remaining group members might allocate few points to that member. To ensure that these peer evaluation scores are reasonable and free from personal bias, you will be asked to provide a detailed written explanation for your point allocation.

### **Letter Grades:**

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	F = Below 50
A = 85-89	B = 73-76	C = 63-66	D = 53-56	

A - = 80-84    B - = 70-72    C - = 60-62    D - = 50-52

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**  
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: <https://carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf>
- **Religious Obligations**  
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: <https://carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf>
- **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](mailto: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. <https://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: <https://carleton.ca/sexual-violence-support/>
- **Student Activities**  
Carleton University recognizes the substantial benefits, to both the individual student and the university, that result from participating in activities beyond the



classroom experience. Reasonable accommodation will 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: <https://students.carleton.ca/course-outline/>

### **Academic Integrity:**

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—are a serious academic offence, weaken the quality of the degree, and will not be tolerated. 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. 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/>

### **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: <https://carleton.ca/csas/>

### **Other Important Information:**

- Students must always retain a hard 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 can do so by visiting <https://carleton.ca/its/get-started/new-students-2/>