

COURSE INFORMATION

Course title:	Topics in Corporate Finance		
Course code:	BAFI 503	Credits:	1.5
Session, term, period:	2022 W1 P2 P7 (Oct-Dec)	Class location:	HA 437
Section(s):	001	Class times:	MW 8:00-10:00
Division:	Finance	Pre-requisites:	BAFI 550 or Instructor Approval
Program:	MBA		

INSTRUCTOR INFORMATION

Instructor:	Adjunct Professor Bill Tilford	Office Location:	HA862 and Online
Phone:	647-980-9147	Office hours:	W 1:00-2:00pm & Online F 10:00-11:00am
Email:	bill.tilford@sauder.ubc.ca		

COURSE DESCRIPTION

This course explores advanced topics in finance and is intended for students who have prior training in finance and data; for example, someone with an undergraduate degree in business with a focus in finance or accounting, or a professional designation such as Chartered Financial Analyst (CFA), or experience working in a quant or data analysis environment, or someone who has already taken BAFI 550, and statistics at UBC. This course draws on a similar range of topics as are covered in BAFI 550 but at a more advanced level.

- How to find and use financial data, in conjunction with Bloomberg and Excel
- Techniques for valuing financial assets (stocks, bonds and projects) using applied NPV and Discounted Cash Flow (DCF) analysis
- Examine methods for forecasting growth, discount rates, terminal values in projects or companies
- Use of Scenario and Monte Carlo Analysis to ask “what if” questions and see the impact of events and assumptions on the value of investment projects, financial assets and firms in order to assess risk and enhance management. We will focus on questions about ESG (Environmental, Social, Governance), carbon pricing and risk, and other longer-term issues for projects and companies
- Use of option pricing models and techniques: e.g., Black Scholes, Binomial Trees, Monte Carlo in valuation and risk management
- Time permitting cover special situations for valuation like high growth or cyclical companies, financial companies, and emerging markets.

COURSE FORMAT

Classes consist primarily of lectures and discussions in which students are expected to participate. Students are also expected to work through applied problems both in and outside of class, keep a daily journal of independent learning and course participation throughout the course, and complete a project involving finance research and analysis. This class is intended to be live in-person and students are expected to attend live and in person; however it is possible the class may move to online at some point if university rules dictate for health or other reasons (if a move to online occurs, a Zoom link will be provided to students via Canvas notification or similar means).

LEARNING OBJECTIVES

By the end of this course, students should be able to use financial data tools like Bloomberg. Analyze, and build DCF models as well as explain issues in forecasting, understand assumptions and their sensitivities in forecast modelling.

ASSESSMENTS

Assignment 1	15%
Assignment 2	15%
Assignment 3	15%
Participation	15%
Term Project	40%
Total	100%

LEARNING MATERIALS

Textbook - REQUIRED:

Valuation: Measuring and Managing the Value of Companies, Seventh Edition, University Edition by Tim Koller, Marc Goedhart, and David Wessels. Wiley, Mckinsey & Company 2020

NO DISTRIBUTION OF RECORDINGS

There is no distribution of recordings of class and classes will not be live-streamed or recorded. Classes are designed as, and are intended to be, in-person. Your attendance is expected. If you are unable to attend, the policies regarding academic concessions and attendance described in this syllabus apply. It is your responsibility to ensure that you have the materials you need for missed classes. It is strongly recommended that you make arrangements at the start of the semester for materials in case you miss class. For instance, you may wish to exchange contact information with a classmate who can provide you with notes in the event you miss class. If you believe you are an exceptional case that merits special consideration, please promptly reach out to RHL Sauder to advise them of your circumstances and then work with RHL to contact the instructor.

ACADEMIC CONCESSIONS AND ACCOMODATIONS

Academic Concessions

If extenuating circumstances arise, including those that result in missed classes or assignments or other deliverables, please contact the RHL Graduate School program office as early as reasonably possible, and submit an [Academic Concession Request & Declaration Form](#). If an academic concession is granted during the course, the student will be provided options by RHL, or by the instructor in consultation with RHL, per [UBC's policy on Academic Concession](#).

Missed or late assignments, and regrading of assessments

Late submissions, or missed exams/quizzes, will receive a grade of zero unless academic concession is granted as explained herein. Requests for regrades must be submitted in writing, within 24 hours of the initial grade being posted, specifying in detail the believed grading error – if a regrade is granted the entire assignment/quiz will be regraded and the grade may rise, fall or remain unchanged as a result.

COVID-19 Policies for Attendance & Academic Concessions:

If a student feels unwell, they should stay home and send a courtesy email to each impacted instructor and cc their program manager. The student should also submit an [Academic Concession Request & Declaration Form](#).

If a student suspects possible COVID-19 infection, they should use the BC Ministry of Health's [self-assessment tool](#), to help determine whether further assessment or testing for COVID-19 is recommended.

Centre for Accessibility

The [Centre for Accessibility](#) (CfA) facilitates disability-related accommodations and programming initiatives designed to remove barriers for students with disabilities and ongoing medical conditions. If you are registered with the CfA and are eligible for accommodations, it is your responsibility to coordinate with the CfA, RHL and instructor.

POLICIES APPLICABLE TO COURSES IN THE ROBERT H. LEE GRADUATE SCHOOL

Attendance

Excepting extenuating circumstances, students are expected to attend 100% of their scheduled class hours. Absent students limit their own academic potential, and that of their classmates, and cause unnecessary disruption to the learning environment. Students missing more than 20% of the total scheduled class hours for a course (including classes held during the add/drop period) without having received an academic concession will be withdrawn from that course. Withdrawals, depending on timing, could result in a “W” or an “F” standing on the transcript.

Punctuality

Students are expected to arrive for classes and activities on time and fully prepared to engage. Late arrivals may be refused entry at the discretion of the instructor or activity lead. Students arriving later than halfway through a scheduled class will be treated as absent for that class.

Electronic Devices

Devices such as laptops, tablets, and cell phones are not permitted to be used in class unless directed by the instructor for in-class activities. Students who do not follow the School’s policy in this regard may be required to leave the room for the remainder of the class, so that they do not distract others. Research shows that students’ use of laptops in class has negative implications for the learning environment, including reducing their own grades and the grades of those sitting around them.

Citation Style

Please use the American Psychological Association (APA) reference style to cite your sources.

Details of the above policies and other RHL Policies are available at:

<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,199,506,1625>

UNIVERSITY POLICIES AND RESOURCES

UBC provides resources to support student learning and to maintain healthy lifestyles but recognizes that sometimes crises arise and so there are additional resources to access including those for survivors of sexual violence. UBC values respect for the person and ideas of all members of the academic community. Harassment and discrimination are not tolerated nor is suppression of academic freedom. UBC provides appropriate accommodation for students with disabilities and for religious observances. UBC values academic honesty and students are expected to acknowledge the ideas generated by others and to uphold the highest academic standards in all of their actions. Details of the policies and how to access support are available on the UBC Senate website at <https://senate.ubc.ca/policies-resources-support-student-success>.

Respect for Equity, Diversity, and Inclusion

The UBC Sauder School of Business strives to promote an intellectual community that is enhanced by diversity along various dimensions including status as a First Nation, Metis, Inuit, or Indigenous person, race, ethnicity, gender identity, sexual orientation, religion, political beliefs, social class, and/or disability. It is critical that students from diverse backgrounds and perspectives be valued in and well-served by their courses. Furthermore, the diversity that students bring to the classroom should be

viewed as a resource, benefit, and source of strength for your learning experience. It is expected that all students and members of our community conduct themselves with empathy and respect for others.

Respectfulness in the classroom

Students are expected to be respectful of their colleagues at all times, including faculty, staff and peers. This means being attentive and conscious of words and actions and their impact on others, listening to people with an open mind, treating all UBC Sauder community members equally and understanding diversity. Students who act disrespectfully toward others will be asked to leave the class and be marked as absent for the day. They may also be removed from a team, lose credit for in-class assessments and activities, or be asked to complete a group assignment individually.

Academic Integrity

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work; nor should you help others to do the same. For example, it is prohibited to: share past assignments and answers with other students; work with other students on an assignment when an instructor has not expressly given permission; or spread information through word of mouth, social media, or other channels that subverts the fair evaluation of a class exercise, or assessment. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President's Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences.

COPYRIGHT

All materials of this course (course handouts, lecture slides, assessments, course readings, etc.) are the intellectual property of the instructor or licensed to be used in this course by the copyright owner. Redistribution of these materials by any means without permission of the copyright holder(s) constitutes a breach of copyright and may lead to academic discipline and could be subject to legal action. All lecture recordings are for the sole use of the instructor and students enrolled in the class. In no case may lecture recordings, or part of the recordings, be used by students for any other purpose, either personal or commercial. Further, audio or video recording of classes are not permitted without the prior consent of the instructor. Students may not share class Canvas or Zoom links or invite others who are not registered to view sessions or access material.

ACKNOWLEDGEMENT

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the xwməθkwəyəm (Musqueam) people, who for millennia have passed on their culture, history, and traditions from one generation to the next on this site.

ONLINE TEACHING TOOL & REQUIREMENTS

This course may be taught using Zoom for some office hours, and potentially some classes if the Health Officer or UBC so determines. For this course, you are required to use a Zoom account during such times. If you do not have a Zoom account, you can create one here: <https://zoom.us/signup>. Note: creating a

Zoom account requires that you provide a first name, last name, and email address to Zoom. For privacy purposes, you may consent to using your existing email address and your real name. Alternatively, if you prefer, you may sign up using an alternative email address and an anonymized name that does not identify you (i.e. Jane Doe, jane.doe@email.com). If you have trouble creating an account, or accessing a Zoom session, please contact CLCHelp@sauder.ubc.ca. You will be required to provide the email address associated with your Zoom account in a Canvas quiz for identification purposes. Students are expected to conduct themselves professionally by joining online sessions on time, muting mics when not speaking, refraining from using any other technology when in-session, attending in business casual attire (at a minimum), and participating from a quiet environment.

COURSE SCHEDULE (SUBJECT TO CHANGE)

Class	Topics	Readings	Assessments
Class 1 Oct 31	Introduction to course content Bloomberg tutorial	Ch 1	
Class 2 Nov 2	Finance, Statement analysis Reported versus Adjusted Financials, Cash Flows	Ch 2-5 Ch 8	Assignment due 11:59pm Nov 6
Class 3 Nov 7	Various Valuation models: P/E, Peer comparison, Dividend Discount, NPV, sum of parts	Ch 10,18 Ch 19	
Class 4 Nov 9	Reorganizing Financial Statements DCF forecasting	Ch 11 Ch 13-14	
Class 5 Nov 14	Estimating discount rates, WACC Estimating growth, appropriate terminal value	Ch 15 Ch 9	Assignment due 11:59pm Nov 15
Class 6 Nov 16	Scenario Analysis Introduction to Monte Carlo	Ch 17 Ch 39	
Class 7 Nov 21	Option Pricing methods Black & Scholes, Binomial, Monte Carlo	Course Notes	
Class 8 Nov 23	Responsible Investing, ESG Modeling Contingent liabilities	Ch 6	Assignment due 11:59pm Nov 27
Class 9 Nov 28	Focusing capital on the longer term (FCLT.org) Carbon pricing	Papers	
Class 10 Nov 30	Growth Companies wrap-up	Ch 36	
Other	participation - throughout course final project - end of course, due date TBD		see Canvas for details