

**Commerce 4FB3
Valuation for Finance Professionals
Winter 2020 Course Outline**

**Finance Area
DeGroot School of Business
McMaster University**

COURSE OBJECTIVE

1. To build students' skills and confidence in answering the question: "What is a company worth?"
 2. To explore fully the strategic assumptions, the theoretical underpinnings, and the appropriate use of valuation techniques and principles.
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INSTRUCTOR AND CONTACT INFORMATION

Section 1: Tues 8:30 – 11:20

Mike Miller, CFA

Instructor

Millem11@mcmaster.ca

Office Hours: after class

Class Location: DSB B107

Student TA

TA TBA

@mcmaster.ca

Office:

Office Hours:

Tel:

COURSE ELEMENTS

Credit Value:	3	Leadership:	No	IT skills:	No	Global view:	Yes
A2L:	Yes	Ethics:	Yes	Numeracy:	Yes	Written skills:	Yes
Participation:	Yes	Innovation:	Yes	Group work:	Yes	Oral skills:	Yes
Evidence-based:	Yes	Experiential:	No	Final Exam:	No	Guest speaker(s):	No

COURSE DESCRIPTION

This course is taught primarily through the lectures, case studies and current equity research reports from a major investment firm. 4FB3 is an *applied* course in corporate valuation. Valuations are required in investment analysis, capital budgeting, merger and acquisition transactions, financial reporting, taxable events to determine the proper tax liability, and even in litigation. Through the extensive use of case analysis and current equity research reports (supplemented with lecture-based background material), we will examine the practice of valuation of companies.

The goal of the course is to build students' skills and confidence in answering the question: "What is a company worth?" and to help prepare students for a long-term career as an investment or commercial banker, a portfolio manager or equity research analyst, a member of the finance or business development team of a company, or a financial consultant in the financial-services industry.

The course covers the drivers of corporate valuation particularly risk-adjusted discount rates and valuation models (DCF valuation and comparable multiples valuation). The course will use current equity research reports from a major investment banking firm in addition to case studies.

Groups of 3 will complete both a case study valuation assignment (**20%**) and their own full equity research report that values a public company (**40%**). Attendance is recorded and combined with class participation and ***PollEverywhere*** quizzes, the remaining **40%** of your class grade is assigned. The ***PollEverywhere*** quizzes will briefly test that students have either 1) prepared the assigned cases, 2) watched the assigned videos or 3) read the assigned sell-side research reports **before** class.

LEARNING OUTCOMES

Upon successful completion of this course, students will be able to complete the following key tasks:

- Identify drivers of corporate value creation;
- Be familiar with and be able to identify appropriate valuation tools for a particular company and situation;
- Assess the intrinsic value of the company choosing among several different approaches.

COURSE MATERIALS AND READINGS

Required:

Course Materials Are Available on Avenue To Learn

- <http://avenue.mcmaster.ca>

Custom Case Pack:

- Available at the bookstore

EVALUATION

Your final grade will be calculated as follows:

Components and Weights

Group Assignment 1 (due week 9)	Lab International Case Study (completed by groups of 3).	20%
Group Assignment 2 (due week 12)	Equity Research Report Valuing a Public Company (groups of 3); Groups will also present their equity research report valuation during the last 2 classes.	40%
Class Attendance, Participation and PollEverywhere Quizzes	In addition to recording attendance and participation, there will be brief PollEverywhere quizzes that will test that students completed the assigned readings or videos or completed the assigned case for that class.	40%
Total		100%

Communication and Feedback

Students who wish to correspond with instructors or TAs directly via email must send messages that originate from their official McMaster University email account. This protects the confidentiality and sensitivity of information as well as confirms the identity of the student. Emails regarding course issues should NOT be sent to the Area Administrative Assistants. Instructors are required to provide evaluation feedback for at least 10% of the final grade to students prior to Week #9 in the term. Instructors may solicit feedback via an informal course review with students by Week #4 to allow time for modifications in curriculum delivery.

Course Deliverables

Group Assignment #1 – Lab International Case Study

This assignment is worth **20%** of your final grade. It is to be completed by groups of 3 students.

Group Assignment #2 – Equity Research Report Valuation of a Public Company

This assignment is worth **40%** of your final grade. It is to be completed by groups of 3 students.

Individual Contribution - Attendance, Class Participation and PollEverywhere Quizzes

Together these 3 elements will combine to account for **40%** of your final grade. Attendance will be recorded by a sign-in sheet at each class. **PollEverywhere** quizzes will play a significant role in calculating your individual contribution score. Students do not need to study for these quizzes per se, they simply need to either watch the assigned videos or read the assigned readings before class. Simple questions will be asked about them. There will be 3 classes where we go over case studies that will not be handed in for marking, however for these classes there will be **PollEverywhere** quizzes that will ask for some of your answers for each case.

ACADEMIC INTEGRITY

You are expected to exhibit honesty and use ethical behaviour in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity.

Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behaviour can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.

It is your responsibility to understand what constitutes academic dishonesty. For information on the various types of academic dishonesty please refer to the *Academic Integrity Policy*, located at:

www.mcmaster.ca/academicintegrity

The following illustrates only three forms of academic dishonesty:

1. Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations

AUTHENTICITY/PLAGIARISM DETECTION

In this course we will be using a web-based service (Turnitin.com) to reveal authenticity and ownership of student submitted work. Students will be expected to submit their work electronically either directly to Turnitin.com or via Avenue to Learn (A2L) plagiarism detection (a service supported by Turnitin.com) so can be checked for academic dishonesty. Students who do not wish to submit their work through A2L and/or Turnitin.com must still submit an electronic and/or hardcopy to the instructor. No penalty will be assigned to a student who does not submit work to Turnitin.com or A2L. All submitted work is subject to normal verification that standards of academic integrity have been upheld (e.g., on-line search, other software, etc.). To see the Turnitin.com Policy, please go to;

www.mcmaster.ca/academicintegrity.

ONLINE COURSE COMPONENTS

In this course we will be using Avenue to Learn. Students should be aware that when they access the electronic components of this course, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in this course will be deemed consent to this disclosure.

If you have any questions or concerns about such disclosure, please discuss this with the course instructor.

REQUESTING RELIEF FOR MISSED ACADEMIC WORK

Students may request relief from a regularly scheduled midterm, test, assignment or other course components. Please refer to the policy and procedure on the DeGroote website at the link below;

<http://ug.degroote.mcmaster.ca/forms-and-resources/misled-course-work-policy/>

STUDENT ACCESSIBILITY SERVICES

Students who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Academic accommodations must be arranged for each term of study. Student Accessibility Services can be contacted by phone 905-525-9140 ext. 28652 or e-mail sas@mcmaster.ca.

For further information, consult McMaster University's Policy for Academic Accommodation of Students with Disabilities:

<http://www.mcmaster.ca/policy/Students-AcademicStudies/AcademicAccommodation-StudentsWithDisabilities.pdf>

ACADEMIC ACCOMMODATION FOR RELIGIOUS, INDIGENOUS OR SPIRITUAL OBSERVANCES (RISO)

Students requiring academic accommodation based on religious, indigenous or spiritual observances should follow the procedures set out in the RISO policy. Students requiring a RISO accommodation should submit their request, including the dates/times needing to be accommodated and the courses which will be impacted, to their Faculty Office normally within 10 days of the beginning of term or to the Registrar's Office prior to their examinations. Students should also contact their instructors as soon as possible to make alternative arrangements for classes, assignments, and tests.

<https://multifaith.mcmaster.ca/riso>

POTENTIAL MODIFICATION TO THE COURSE

The instructor reserves the right to modify elements of the course during the term. There may be changes to the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.

ACKNOWLEDGEMENT OF COURSE POLICIES

Your enrolment in Commerce 4FX3 will be considered to be an implicit acknowledgement of the course policies outlined above, or of any other that may be announced during lecture and/or on A2L. **It is your responsibility to read this course outline, to familiarize yourself with the course policies and to act accordingly.**

Lack of awareness of the course policies **cannot be invoked** at any point during this course for failure to meet them. It is your responsibility to ask for clarification on any policies that you do not understand.

COURSE SCHEDULE

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Class	Lecture Topic	Assigned Work for Next Class
1	Estimating Cost of Capital - Part 1	Equity Risk Premium - Bruner Article; Siegel Article Damordaran Videos 3, 4 & 5 (45 minutes)
2	Estimating Cost of Capital - Part 2	Prepare Lex Services Case Damordaran Video 6 & 7 (30 minutes)
3	Lex Services Case Study Review Cash Flow Analysis	Read 2 Example Sell-Side Research Reports Damordaran Video 9 (15 minutes)
4	FCFF & FCFE Estimating Terminal Values	Prepare Star River Case Damordaran Video 8 (15 minutes)
5	Star River Case Study Review Projecting Sales Growth	Damordaran Video 10 & 11 (30 minutes)
6	Financial Modelling	Prepare Financial Modelling Spreadsheet Read 2 Example Sell-Side Research Reports
7	Review of Financial Modelling Spreadsheet Review of Sell Side Research Reports	Read Smuckers Case Study
8	Smuckers Case Study Review	Read 3 Sell Side Reports with Comp Tables Damordaran Video 14, 15 (30 minutes)
9	<i>Lab International Case Group Report Due (20%)</i> Using Comparables to Value Companies - Part 1	Read Bell Alliant and Syngenta Fairness Opinions Damordaran Video 16, 17 & 18 (45 minutes)
10	Using Comparables to Value Companies - Part 2	Read 2 Initiating Coverage Research Reports
11	Review of 2 Initiating Coverage Research Reports Lab International Case Study Review	Work on Equity Research Report Group Project
12	<i>Equity Research Report Group Project Due (40%)</i> <i>Group Presentations of Equity Research Reports</i>	
13	<i>Group Presentations of Equity Research Reports</i>	
	<i>Attendance, Participation and Poll Everywhere</i> <i>Quiz results (40%)</i>	