

**Commerce 4FD3
Financial Institutions
Fall 2020 Course Outline**

**Business Economics and Finance Area
DeGroote School of Business
McMaster University**

COURSE OBJECTIVE

The goal of this course is to help students understand how different roles of financial institutions (FIs) and how they measure and manage their risks. Special emphasis will be given to the management of asset and liability risk of deposit-taking financial institutions.

INSTRUCTOR AND CONTACT INFORMATION

Section 1: Wednesday 2:30 – 5:20

Dr. Jiaping Qiu

Email: qiu@mcmaster.ca

Phone: (905) 525-9140 x23963

Office Hour: By appointment

Student TA

Sima Fallah Tafti

fallahts@mcmaster.ca

Tutorial Hour: Wednesday 9:30-10:30am

COURSE ELEMENTS

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

COURSE DESCRIPTION

In the first part of the course, students will be introduced to the financial services industry. In the second part of the course, we will go through the major risks of financial institutions management: interest rate risk, liquidity risk, market risk and credit risk. We discuss how financial institutions can identify and measure their exposures to each of these risks. In the second part of the course, we focus our attention on the risk management of financial institutions. Regulatory requirements dealing with capital adequacy and deposit insurance will be discussed.

LEARNING OUTCOMES

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

- Appreciate the economic challenges and opportunities encountered by FIs;
- Understand the risk/return trade-off of FIs' businesses in bearing, transforming and managing financial risks;
- Measure and manage FIs' interest rate risk, liquidity risk, market risk and credit risk;
- Assess the implications of national and international regulatory requirements on FIs' business strategies.

COURSE MATERIALS AND READINGS

Textbook:

International student edition

Financial Institutions Management: A Risk Management Approach, 10th Edition, by Anthony Saunders, Marcia M. Cornett and Otgo Erhemjamts, 2020, McGraw-Hill Ryerson

Optional reading

Financial Institutions, Markets, and Money, 11th Edition, David S. Kidwell, David W. Blackwell, David A. Whidbee, Richard W. Sias, Wiley

COURSE OVERVIEW AND ASSESSMENT

Learning in this course results primarily from lectures, in-class discussions of cases, home readings, and from assigned projects. Students learning and progress in this course will be evaluated on group and individual basis. Final letter grades in this course will be calculated as follows:

Complete weekly Quizzes in Avenue to Learn	Individual	40%
Assignment 1	Group	15%
Assignment 2	Group	15%
Term Project	Report + presentation (group)	30%
Total		100%

COURSE DELIVERABLES

LEARNING ACTIVITIES	DELIVERY	DESCRIPTION	TOOL(S)
Lecture Core Content	synch	Weekly lectures will be conducted online	Zoom
Quizzes	Asynch	Questions related to each lecture that help review the learning outcome will be posted on the class day.	Avenue to learn
Tutorial	Synch	Weekly live sessions conducted by the TA (optional to participate), opportunity to elaborate on content and engage discussion	Zoom

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. All students must receive feedback regarding their progress prior to the final date by which a student may cancel the course without failure by default.

- For Level 1 and Level 2 courses, this feedback must equal a minimum of 20% of the final grade.
- For Level 3 courses and above, this feedback must equal a minimum of 10% of the final grade.

Instructors may solicit feedback via an informal course review with students by Week #4 to allow time for modifications in curriculum delivery.

REQUESTING RELIEF FOR MISSED ACADEMIC WORK

In the event of an absence for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar “Requests for Relief for Missed Academic Term Work” and the link below;

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

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. **It is your responsibility to understand what constitutes academic dishonesty.**

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.

For information on the various types of academic dishonesty please refer to the [Academic Integrity Policy](https://secretariat.mcmaster.ca/university-policies-procedures-guidelines/), located at <https://secretariat.mcmaster.ca/university-policies-procedures-guidelines/>

The following illustrates only three forms of academic dishonesty:

- plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.
- improper collaboration in group work.
- copying or using unauthorized aids in tests and examinations.

AUTHENTICITY/PLAGIARISM DETECTION

Some courses may use a web-based service (Turnitin.com) to reveal authenticity and ownership of student submitted work. For courses using such software, students will be expected to submit their work electronically either directly to Turnitin.com or via an online learning platform (e.g. A2L, etc.) using plagiarism detection (a service supported by Turnitin.com) so it can be checked for academic dishonesty.

Students who do not wish their work to be submitted through the plagiarism detection software must inform the Instructor before the assignment is due. No penalty will be assigned to a student who does not submit work to the plagiarism detection software.

All submitted work is subject to normal verification that standards of academic integrity have been upheld (e.g., on-line search, other software, etc.). For more details about McMaster's use of Turnitin.com please go to www.mcmaster.ca/academicintegrity.

COURSES WITH AN ON-LINE ELEMENT

Some courses may use on-line elements (e.g. e-mail, Avenue to Learn (A2L), LearnLink, web pages, capa, Moodle, ThinkingCap, etc.). Students should be aware that, when they access the electronic components of a course using these elements, 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 a course that uses on-line elements will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure please discuss this with the course instructor.

ONLINE PROCTORING

Some courses may use online proctoring software for tests and exams. This software may require students to turn on their video camera, present identification, monitor and record their computer activities, and/or lock/restrict their browser or other applications/software during tests or exams. This software may be required to be installed before the test/exam begins.

CONDUCT EXPECTATIONS

As a McMaster student, you have the right to experience, and the responsibility to demonstrate, respectful and dignified interactions within all of our living, learning and working communities. These expectations are described in the [Code of Student Rights & Responsibilities](#) (the “Code”). All students share the responsibility of maintaining a positive environment for the academic and personal growth of all McMaster community members, **whether in person or online**.

It is essential that students be mindful of their interactions online, as the Code remains in effect in virtual learning environments. The Code applies to any interactions that adversely affect, disrupt, or interfere with reasonable participation in University activities. Student disruptions or behaviours that interfere with university functions on online platforms (e.g. use of Avenue 2 Learn, WebEx or Zoom for delivery), will be taken very seriously and will be investigated. Outcomes may include restriction or removal of the involved students’ access to these platforms.

ACADEMIC ACCOMMODATION OF STUDENTS WITH DISABILITIES

Students with disabilities who require academic accommodation must contact [Student Accessibility Services](#) (SAS) at 905-525-9140 ext. 28652 or sas@mcmaster.ca to make arrangements with a Program Coordinator. For further information, consult McMaster University’s [Academic Accommodation of Students with Disabilities](#) policy.

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 should submit their request to their Faculty Office **normally within 10 working days** of the beginning of term in which they anticipate a need for accommodation 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.

COPYRIGHT AND RECORDING

Students are advised that lectures, demonstrations, performances, and any other course material provided by an instructor include copyright protected works. The Copyright Act and copyright law protect every original literary, dramatic, musical and artistic work, **including lectures** by University instructors.

The recording of lectures, tutorials, or other methods of instruction may occur during a course. Recording may be done by either the instructor for the purpose of authorized distribution, or by a student for the purpose of personal study. Students should be aware that their voice and/or image may be recorded by others during the class. Please speak with the instructor if this is a concern for you.

EXTREME CIRCUMSTANCES

The University reserves the right to change the dates and deadlines for any or all courses in extreme circumstances (e.g., severe weather, labour disruptions, etc.). Changes will be communicated through regular McMaster communication channels, such as McMaster Daily News, A2L and/or McMaster email.

RESEARCH USING HUMAN SUBJECTS

All researchers conducting research that involves human participants, their records or their biological material are required to receive approval from one of McMaster's Research Ethics Boards before (a) they can recruit participants and (b) collect or access their data. Failure to comply with relevant policies is a research misconduct matter. Contact these boards for further information about your requirements and the application process.

McMaster Research Ethics Board (General board): <https://reo.mcmaster.ca/>

Hamilton Integrated Research Ethics Board (Medical board): <http://www.hireb.ca/>

ACKNOWLEDGEMENT OF COURSE POLICIES

Your enrolment in Commerce 4FD3 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.

TENTATIVE COURSE SCHEDULE

Topic/week	Subject Contents	Chapters
1	Introduction Central banks	Chapter 1 Lecture notes
2	Central banks	Lecture notes
3	Commercial Banks and Finance Companies	2, 3
4	Securities Firms and Investment Banks Insurance Companies (Assignment 1)	4 6
5	Mutual Funds and Hedge Funds Risks of Financial Institutions	5 7
6	Interest Rate Risk I	8
7	Interest Rate Risk II	9
8	Credit risk I	10
9	Credit risk II (Assignment 2)	11
10	Liquidity risk	12
11	Market Risk	15
12	Capital adequacy	20
13	Term Project Presentation	