



Rotman Commerce UNIVERSITY OF TORONTO

Course Outline

RSM 430 H1F - Fall 2014 Fixed Income Securities

Course Meets: Mondays and Wednesdays: L0101: M 9-11 WO25
L0201: M11-1 in WO25
L0301: M 4-6 in WO35
L0401: W 12-2 WO20

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Lead TA: Adam Kadar, akadar85@gmail.com

Course Scope and Mission

This is a capital markets course that describes important fixed income securities and markets. It will emphasize traditional bond and term structure concepts as well as current events and/or securities affecting the functioning of these markets.

Course Prerequisites

Rotman Commerce: [RSM332H1](#); Actuarial Science: [ACT349H1](#)

Course Exclusions

MGT430H1

Required Readings

Fabozzi, Frank J., Bond Markets, Analysis and Strategies, 8th Edition, Prentice Hall.

Newspaper articles to be posted on Blackboard during the term.

Evaluation and Grades

Grades are a measure of the performance of a student in individual courses. Each student shall be judged on the basis of how well he or she has command of the course materials.

<u>Work</u>		<u>Due Date</u>
Individual YouSeeU question	5%	see schedule
Assignment 1	7.5%	Wed. October 15th
Mid Term Exam	30%	Thursday October 23rd
Assignment 2	7.5%	Mon. December 1st
Final Exam	50%	During Faculty of Arts & Science Exam Period

COURSE FORMAT AND EXPECTATIONS

For Written Assignments:

Please note that clear, concise, and correct writing will be considered in the evaluation of Assignments 1 and 2. That is, you may lose points for writing that impedes communication: poor organization, weak paragraph development, excessive wordiness, hard-to-follow sentence structure, spelling mistakes and grammatical errors. Students who require additional support and/or tutoring with respect to their writing skills are encouraged to visit the Academic Success Centre (www.asc.utoronto.ca) or one of the College Writing Centres (www.writing.utoronto.ca/writing-centres). These centres are teaching facilities – not editing services, where trained staff can assist students in developing their academic writing skills. There is no charge for the instruction and support.

For Group Work (total: 15% of grade):

Assignments 1 and 2 require students to work in teams of 3-4 students. No exceptions. You may work with students in other sections. One assignment is then handed in for each group.

Re-grade requests:

If you have concerns about the grading of the assignment, please bring these to the attention of the **lead TA Adam Kadar at akadar85@gmail.com** within one week of the assignment being returned. Re-grade requests submitted after this time period will not be considered. Please re-submit the assignment with a written explanation of your concerns.

Learning to work together in teams is an important aspect of your education and preparation for your future careers. That said, project-based teamwork is often new to students and you are therefore reminded of the following expectations with respect to behaviour and contributions to your team project.

1. Read the document entitled, “Working in Teams: Guidelines for Rotman Commerce Students” which is available on the RC portal under the Academic Services tab.

2. When working in a team, Rotman Commerce students are expected to:

- Treat other members with courtesy and respect;
- Honour the ground rules established by the team;
- Contribute substantially and proportionally to the final project;
- Ensure enough familiarity with the entire contents of the group project/assignment so as to be able to sign off on it as original work;
- Meet the project timeline as established by the team.

3. Resolving conflicts:

Conflicts are part of the team’s process of learning how to work together effectively and when handled well can generate creativity and bring-multiple perspectives to the solution.

Student teams are collectively expected to work through their misunderstandings as soon as they arise (and prior to submission of the final project). In cases where teams are unable to arrive at a solution that works for all members, the team must meet with the Rotman Commerce Team Coach** as soon as possible. The Coach will listen to the team and help develop options for improving the team process. All members of the project team must commit to, and, utilize their action plans.

** For an appointment with a Rotman Commerce Team Coach, please contact Nikoleta Vlamis at nikoleta@nikoletaandassociates.com or Elaine Zapotoczny at elaine@nikoletaandassociates.com. Nikoleta and Elaine are highly skilled at facilitating team dynamics and collaboration. Note that the Team Coach's role is to provide guidance, support and advice on team matters – not to formally evaluate or assess teamwork for academic purposes.

Individual YouSeeU Question (total: 5% of grade): this is an individual assignment

Each student will be required to sign in to YouSeeU (see instructions below) and respond to a question posed. The student will hear/read the question, and then have 1 minute to answer the question. The answer will be video-recorded by the YouSeeU system. The question posed will be based on material covered at that point in the course. Please note that this is an individual assignment. You are strongly encouraged not to communicate your question to the other students who will be doing the YouSeeU assignment in the same time frame. There are multiple possible questions and they are assigned randomly, but it is possible that two people may get the same question.

Schedule for Individual YouSeeU Question: Between September 22 to November 20th

Instructions on how to sign on to the system to follow.

Schedule:

Section: L0101	September 22nd to October 2nd
Section: L0201	October 6th to October 16th
Section: L0301	October 27th to November 6th
Section: L0401	November 10th to November 20th

Weekly Schedule - MONDAY SECTIONS L0101-0201-0301

The following schedule of topics covered is subject to modification as the course progresses. **We will not be following the textbook closely. Chapters are provided for reference. Class notes are key!**

Session/Date	Topic	Readings
1: Sept. 8	Overview of Fixed Income Markets: overview of the markets and participants, the yield curve and interpolation	Chapters 1,2
2: Sept. 15	Building the Yield Curve: Government Bond Auctions - single vs. multiple price and inflation protected securities (RRBs, TIPS)- begin bond features	Chapters 1,2/Class Notes
3: Sept. 22	Overview of Securities (fixed rate, floating rate and convertible bonds) and Bond valuation	Chapters 3, 19 (selected pages)
4: Sept. 29	Other yield measures and bonds with embedded options	Chapter 3, Class Notes
5: Oct. 6	Understanding the Yield Curve Spot Rates, Forward Rates, Bootstrapping and bond stripping	Chapters 5
Oct. 13	THANKSGIVING MONDAY - NO CLASSES	
Wed. October 15th - Assignment #1 due by 4:00 p.m. at Rotman Commerce Office		
Week of Oct. 20	Date & Time TBA - Mid Term Exam	
6: Oct. 27	Measuring Interest Rate Risk Duration, Convexity, PV of a basis point, basic yield curve trades	Chapter 4
7: Nov. 3	1 hour Trading Session in FRTL - 9-11 and 11- 1 pm Corporate Bond Market : Bond payment structures (bullet, amortizing and defeasance), rating agencies, shadow rating a company and bond covenant analysis	Chapters 7, 20
8: Nov. 10	Corporate Bond Market: Documentation and Offering methods	Chapters 7, 20
Nov. 17/18	STUDY BREAK - NO CLASSES FOR MONDAY SECTIONS	
9: Nov. 24	Corporate Credit Spreads and Interest Rate Models (KMV, Merton)	Ch. 16/Class Notes
Mon. December 1st - Assignment #2 due by 4:00 p.m. at Rotman Commerce Office		
10: Dec. 1	Securitization – Structuring Basics (incl. CDO's) , ABS	Ch. 15/ Class Notes
11: Dec. 3 (make up class)	Securitization - Mortgage Backed Securities/Covered Bonds	Ch.13/ Class Notes

Weekly Schedule - WEDNESDAY SECTIONS L0401

The following schedule of topics covered is subject to modification as the course progresses. **We will not be following the textbook closely. Chapters are provided for reference. Class notes are key!**

Session/Date	Topic	Readings
1: Sept. 10	Overview of Fixed Income Markets: overview of the markets and participants, the yield curve and interpolation	Chapters 1,2
2: Sept. 17	Building the Yield Curve: Government Bond Auctions - single vs. multiple price and inflation protected securities (RRBs, TIPS)- begin bond features	Chapters 1,2/Class Notes
3: Sept. 24	Overview of Securities (fixed rate, floating rate and convertible bonds) and Bond valuation	Chapters 3, 19 (selected pages)
4: Oct. 1	Other yield measures and bonds with embedded options	Chapter 3, Class Notes
5: Oct. 8	Understanding the Yield Curve Spot Rates, Forward Rates, Bootstrapping and bond stripping	Chapters 5
Wed. October 15th - Assignment #1 due by 4:00 p.m. at Rotman Commerce Office		
6: Oct.15	Measuring Interest Rate Risk Duration, Convexity, PV of a basis point, basic yield curve trades	Chapter 4
Week of Oct. 20	Date & Time TBA - Mid Term Exam	
7: Oct. 29	Corporate Bond Market : Bond payment structures (bullet, amortizing and defeasance), rating agencies, shadow rating a company and bond covenant analysis	Chapters 7,9,20
8: Nov. 5	Trading Session in FRTL - 3-4 pm Corporate Bond Market: Documentation and Offering methods	Chapters 7,9,20
9: Nov. 12	Corporate Credit Spreads and Interest Rate Models (KMV, Merton)	Ch. 16/Class Notes
10: Nov. 19	Securitization – Structuring Basics (incl. CDO's) , ABS	Ch. 15/ Class Notes
11: Nov. 26	Securitization - Mortgage Backed Securities/Covered Bonds	Ch.13/ Class Notes
Mon. December 1st - Assignment #2 due by 4:00 p.m. at Rotman Commerce Office		

POLICY AND PROCEDURE

Missed Tests and Assignments (including midterm examinations)

Students who miss a test or assignment for reasons entirely beyond their control (e.g. illness) may submit a request for special consideration. Provided that notification and documentation are provided in a timely manner, and that the request is subsequently approved, no academic penalty will be applied.

In such cases, students must notify Rotman Commerce on the date of the missed test (or due date in the case of course work) and submit supporting documentation (e.g. [Verification of Student Illness or Injury form](#)) to the Rotman Commerce Program Office within **48 hours** of the originally scheduled test or due date. Students who do not provide Rotman Commerce or the instructor with appropriate or sufficient supporting documentation will be given a grade of 0 (zero) for the missed test or course deliverable.

Note that the physician's report must establish that the patient was examined and diagnosed at the time of illness, not after the fact. Rotman Commerce will not accept a statement that merely confirms a report of illness made by the student and documented by the physician.

Midterm Exam:

There is no make- up Mid Term Exam. If the Mid Term Exam is missed, its weight will be shifted to the Final Exam.

You have 1 week after the midterm is returned to you to bring any questions to the attention of the lead TA Adam Kadar at akadar85@gmail.com. Any re-grade requests received after this time period will not be considered.

Late Assignments

With appropriate documentation, late assignments may be accepted if the solution key has not been posted. Otherwise, the weight of the missed assignment will be shifted to the Mid Term Exam (in the case of Assignment 1) or to the Final Exam (in the case of Assignment 2).

Students who, for reasons beyond their control, are unable to submit an assignment by its deadline must obtain approval from the instructor for an extension. Supporting documentation will be required as per the policy on missed tests and assignments.

Accessibility Needs

The University of Toronto is committed to accessibility. If you require accommodations for a disability, or have any accessibility concerns about the course, the classroom or course materials, please contact Accessibility Services as soon as possible: disability.services@utoronto.ca or <http://www.accessibility.utoronto.ca/>.

Academic Integrity

Academic Integrity is a fundamental value essential to the pursuit of learning and scholarships at the University of Toronto. Participating honestly, respectfully, responsibly, and fairly in this academic community ensures that the UofT degree that you earn will continue to be valued and respected as a true signifier of a student's individual work and academic achievement. As a result, the University treats cases of academic misconduct very seriously.

The University of Toronto's Code of Behaviour on Academic Matters

<http://www.governingcouncil.utoronto.ca/policies/behaveac.htm> outlines the behaviours that constitute academic misconduct, the process for addressing academic offences, and the

penalties that may be imposed. You are expected to be familiar with the contents of this document. Potential offences include, but are not limited to:

In papers and assignments:

- Using someone else's ideas or words without appropriate acknowledgement.
- Submitting your own work in more than one course without the permission of the instructor.
- Making up sources or facts.
- Obtaining or providing unauthorized assistance on any assignment (this includes collaborating with others on assignments that are supposed to be completed individually).

On test and exams:

- Using or possessing any unauthorized aid, including a cell phone.
- Looking at someone else's answers
- Misrepresenting your identity.
- Submitting an altered test for re-grading.

Misrepresentation:

- Falsifying institutional documents or grades.
- Falsifying or altering any documentation required by the University, including (but not limited to), medical notes.

All suspected cases of academic dishonesty will be investigated by the following procedures outlined in the *Code of Behaviour on Academic Matters*. If you have any question about what is or is not permitted in the course, please do not hesitate to contact the course instructor. If you have any questions about appropriate research and citation methods, you are expected to seek out additional information from the instructor or other UofT resources such as College Writing Centres or the Academic Success Centre.

Email

At times, the course instructor may decide to communicate important course information by email. As such, all UofT students are required to have a valid UTmail+ email address. You are responsible for ensuring that your UTmail+ email address is set up AND properly entered on the ROSI system. For more information please visit <http://help.ic.utoronto.ca/category/3/utmail.html>

Forwarding your utoronto.ca email to a Hotmail, Gmail, Yahoo or other type of email account is not advisable. In some cases, messages from utoronto.ca addresses sent to Hotmail, Gmail or Yahoo accounts are filtered as junk mail, which means that important messages from your course instructor may end up in your spam or junk mail folder.

Blackboard and the Course Page

The online course page for this course is accessed through Blackboard. To access the course page, go to the UofT Portal login at <https://portal.utoronto.ca/> and log in using your UTORid and password. Once you have logged in, look for the My Courses module where you'll find the link to all your course websites. If you don't see the course listed here but you are properly registered for the course in ROSI, wait 48 hours. If the course does not appear, go to the Information Commons Help Desk in Robarts Library, 1st floor, for help, or explore the Portal Information and Help at www.portalinfo.utoronto.ca/students and review the Frequently Asked Questions.

Recording Lectures

Lectures and course materials prepared by the instructor are considered by the University to be an instructor's intellectual property covered by the Canadian Copyright Act. Students wishing to record a lecture or other course material in any way are required to ask the instructor's explicit

permission, and may not do so unless permission is granted (note: students who have been previously granted permission to record lectures as an accommodation for a disability are, of course, excepted). This includes tape recording, filming, photographing PowerPoint slides, Blackboard materials, etc.

If permission is granted by the instructor (or via Accessibility Services), it is intended for the individual student's own study purposes and does not include permission to "publish" them in anyway. It is absolutely forbidden for a student to publish an instructor's notes to a website or sell them in any other form without formal permission.