



Rotman Commerce UNIVERSITY OF TORONTO

Course Outline

RSM 340 H1 F

The Opposable Mind: Approaches to Integrative Thinking
Fall 2019

Course Meets: Mondays 3 – 5pm, RT 142

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Course Scope and Mission

More than ever, success in our global economy depends on the ability to wade through ambiguous challenges with flexibility, rigour and creativity. The integrative thinker, rather than choosing one option or one point of view, leverages the tension between ideas to generate new models – models better than those that already exist.

This course introduces the theory of integrative thinking and asks students to learn and practice the tools associated with it. Explicitly grounded in a business context, this course gives students the opportunity to apply the lessons of integrative thinking to complex problems that span traditional disciplines. Throughout the course, you will learn practical tools aimed at helping you integrate between models, build new models and create new value.

The questions we will address in this class include: What do you do when faced with a choice between two mutually exclusive, yet sub-optimal options? How do you react when dealing with a colleague whose understanding of the world seems to be fundamentally at odds with your own? How can you resolve the kinds of problems that seem to change as you attempt to solve them, the kinds of problems that seem to have no good answers? These clashes – between ideas and individuals, within ourselves and without – are the wicked problems you will almost certainly face in your business career. And how you deal with them can make the difference between a good career and a transformative one.

Course Prerequisites

RSM/MGT 100 – Introduction to Management and completion of 10.0 full-course equivalents.

Required Readings

All readings are posted on Quercus.

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>
Class Participation	10%	Ongoing
Mid-Term Test (take-home)	25%	Oct 16
Group Challenge Brief	10%	Nov 12
Group Presentation	25%	Dec 2
Final Exam (take-home)	30%	During Arts & Science Final Exam Period

Class Participation (10%)

The quality of this class and the learning that takes place are directly related to your willingness to engage in the discussion and activities. Your class participation grade will be assigned based on the substantive contributions you make to class discussions, considering the quality of your contribution to be more significant than the quantity. **We will take attendance every class.** You may also gain participation grades by sending us articles or materials that you think relate to integrative thinking and this class. Please email a link to the material, plus a short description of what you think is interesting about the article and how it connects to class concepts.

Mid-Term Test (25%)

This will be an individual, take-home test. The take-home test will be issued on October 7 and must be submitted via Quercus before Oct 16 at 11:59pm. We designed and expect the test take approximately 60 to 90 minutes to complete.

Group Challenge Selection (10%) and Group Presentation (20%)

In groups of **5**, choose a wicked problem for a specific organization and, using the tools of integrative thinking, craft a possible solution to the problem. This project will have two deliverables (I) Group Challenge Selection and the (II) Group Presentation.

(I) Group Challenge Selection

Each group will choose a wicked problem and identify the two models in tension. Select groups will be asked to present during classes on Nov 11th and 18th to share their challenge to get feedback from the class and instructors.

The Challenge Selection is 10% of the final mark and will be graded on the following criteria:

- 1) Clarity: The extent to which your work is understandable and well explained (40%)
- 2) Comprehensiveness: The extent to which you have completed the template and ability to integrate feedback and revise thinking (40%)
- 3) Quality of communication (20%)

(II) Group Presentation

This project is to be presented on Monday, December 2. Each group will have 15 minutes to present, including questions. How you choose to split the time between presentation and discussion is entirely up to you. You may select your own group or ask to be assigned to one.

The presentation will be graded on the following criteria:

- 1) Clarity: The extent to which your work is understandable and well explained (40%)

- 2) Comprehensiveness: The extent to which your analysis and solution effectively address the problem and demonstrate the tools from the class (40%)
- 3) The creativity of your analysis and solution (10%)
- 4) The quality and creativity of your presentation (10%)

You must send an email noting the members of your group to the TA by Tuesday, October 29th. You must come to class on November 11th with a project topic.

You are encouraged to select your own topic (please check with the Instructor before you proceed) or you may select one of the following topics:

- Should Canada embrace a multi-tier health-care system that allows those who can afford it to opt out of the free public system or stick with a single-tier, publicly funded model?
- Should the University of Toronto have the same tuition for all programs or charge market rates by program?
- Should Starbucks expand its product offerings or refocus on its core value proposition?
- Should Tesla go after the luxury car market only or diversify into the mid-tier and value segments?

Final (take-home) Exam (30%)

This will be a take-home exam, during the regular exam period. We will provide information about the structure of the exam in the last few weeks of classes.

A Note on Group Work

The group project requires students to work in teams. 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; to work well in teams, it helps to follow a set of core expectations to best succeed at your team projects.

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. When handled well, it can generate creativity and bring-multiple perspectives to the solution.

Student teams are expected to work through their misunderstandings **as soon as they arise** (and prior to submission of the final project). When 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 Nouman Ashraf at nouman.ashraf@rotman.utoronto.ca Nouman is 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.

Weekly Schedule

Session	Date	Topic	Readings
1	Sept 9	Introduction to Integrative Thinking	Martin, "How Successful Leaders Think." <i>Harvard Business Review</i> , June 2007. Riel and Martin, "A New Way to Think" from <i>Creating Great Choices</i> .
2	Sept 16	Thinking About Thinking	Ariely, "The Effect of Expectations" from <i>Predictably Irrational</i> . Kahneman, <i>Thinking Fast and Slow</i> . Chapter 1. Thaler and Sunstein, "Biases and Blunders" from <i>Nudge</i> .
3	Sept 23	Understanding and Deconstructing Models	Sterman, "All Models are Wrong: Reflections on Becoming a Systems Scientist." <i>System Dynamics Review</i> , Winter 2002. Lave and March, <i>An Introduction to Models in the Social Sciences</i> , Chapters 1 and 2.
4	Sept 30	Causal Modeling	Senge, "A Shift of the Mind" from <i>The Fifth Discipline</i> .
5	Oct 7	Models in Tension	
6		Mid-Term Take-Home Oct 7 – Oct 16	
	Oct 14	Thanksgiving Break	
7	Oct 21	The Integrative Thinking Process	Riel and Martin, "Integrative Thinking 2.0: A User's Guide to Your Opposable Mind." <i>Rotman Magazine</i> , Winter 2014. Case: Evolving the Model – Four Seasons Hotels and Resorts You must read this case in advance of the class
8	Oct 28	Exploring Tensions	
	Nov 4	Fall Reading Week	
9	Nov 11	Articulating and Examining Models	

10	Nov 18	Creativity, Collaboration and New Possibilities	Riel and Martin, "Integrative Thinking Three Ways: Creative Resolutions to Wicked Problems." <i>Rotman Magazine</i> , Spring 2012.
11	Nov 25	Testing and Communicating our Ideas	Dyer et al, "Experimenting," from <i>The Innovator's DNA</i> . Ries, "Test" from <i>The Lean Startup</i> . Lafley and Martin, "Shorten your Odds" from <i>Playing to Win</i> . Argyris, "Teaching Smart People How to Learn." <i>Harvard Business Review</i> , May-June 1991.
12	Dec 2	Class Presentations Note: This class will be 3 hours (3-6 pm). If you cannot attend the final hour, please speak to us in advance.	

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. The Request for Special Consideration Form and supporting documentation must be submitted in a timely manner in order for the request to be reviewed.

In such cases, students must notify the Rotman Commerce Program Office on the date of the course deliverable such as a missed test, or assignment missed class (in the case of participation marks), or due date. They must then complete a [Request for Special Consideration Form](#) and submit it along with supporting documentation (e.g. [Verification of Student Illness or Injury form](#)) to the Rotman Commerce Office within **2 business days** of the originally scheduled course deliverable. Students who do not provide appropriate or sufficient supporting documentation will be given a grade of 0 (zero) for the missed course deliverable.

Documentation submitted in support of petitions for missing tests and assignments must be original; no faxed or scanned copies will be accepted.

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 later report of illness made by the student to a physician.

For a missed mid-term, the student will be given the option of taking a make-up exam within one week of the mid-term or applying the mid-term weighting to final exam. If the mid-term is re-weighted to the final, the final exam would then be worth 65% of the total grade.

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: accessibility.services@utoronto.ca or <http://www.studentlife.utoronto.ca/as>.

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.

Quercus and the Course Page

The online course page for this course is accessed through Quercus. To access the course page, go to q.utoronto.ca and log in using your UTORid and password. Once you have logged in, you will be at the Quercus Dashboard. On this page you will see all of the courses you are presently enrolled in. If you don't see the course listed here but you are properly registered for the course in ROSI, wait 48 hours.

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, Quercus 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.