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For feedback, comments and suggestions e-mail us at [economics204@gmail.com](mailto:economics204@gmail.com) or call us at (617) 855 - 8204



# UNIVERSITY OF TORONTO

*Nec Aspera Terrent*

Department of Economics  
St. George  
ECO 204: Microeconomic Theory for Commerce  
Summer 2011

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## Course Announcements and Micro in the News

### Course Announcements

Get announcements through Twitter: follow @ajazeco204



- Tests rooms have been booked. Please see [Tests info](#) section below

### Micro in the News

Join the Micro in the News Group @ Facebook



[Bloomberg](#) | [Business Week](#) | [Economist](#) | [Economist Data](#) | [Financial Times](#) | [Globe & Mail Biz](#) | [Wall Street Journal](#) |

- Following similar proposals in NY and Ontario, MA plans to [impose a tax of soda to reduce "harmful consumption" of sugar](#). How high must these taxes be to impact consumption? Is it better to reduce or eliminate harmful consumption? We'll investigate these issues in consumer theory

## Course Description

This is a course in intermediate microeconomic theory with an emphasis on commerce models, applications and topics. We will apply rigorous microeconomic theory, optimization methods (especially Lagrangian and Kuhn-Tucker methods) and Excel-based tools (such as Solver) to business problems based on real life cases, data and economic/business phenomena. Examples of business applications based on actual data include: activity based costing for contribution analysis, market segmentation analysis for Infiniti cars, marginal cost industry supply curve of the primary aluminum industry, pricing bundled products for McDonalds , financial portfolios of short term US Treasury bonds and stocks, and game theoretic analysis of price wars for Nutrasweet. The material, concepts, tools, techniques and models in ECO 204 are critical to your education and career. Almost every one of your future courses at [Rotman](#) -- ranging from finance and marketing to accounting and operations -- are rooted in microeconomics, and the microeconomic paradigm is intensively used in business cases and problems.

It is important that you understand that ECO 204 is an iterative course in the sense that each topic builds upon previous topics. Microeconomic analysis is multi-layered, deep and interconnected and takes time to master, requiring *you* to integrate the various tools, techniques and areas of microeconomics. Put another way, you cannot master microeconomics, nor perform well in the course, by cramming for tests and exams, or writing a paper in “one shot”. To do well in this course, you must attend lectures and tutorials and practice problem solving, case analysis and Excel modeling through weekly problems sets posted in the [course plan](#) section below. I will post lecture slides before each class in [course plan](#) section below and you are expected to download lecture slides and bring these to class. Please don't treat the lecture slides as class notes; rather, lecture slides are teaching aids. You are expected to take class notes and within a day to integrate your class notes with the lecture slides, HWs and practice problems in the ECO 204 “Book Chapters” posted in the [course plan](#) section below. Please note that solutions to HWs will *not* be posted; instead, the TA will go over these problems in tutorials to show you how to *think* through problems. As such, you must struggle on your own first rather than simply looking at the solutions. If you struggle on your own, you will gain a deeper understanding of the material.

We will cover the following topics:

- Optimization: Lagrangian and Kuhn-Tucker optimization methods, envelope theorem
- Consumer Theory
- Decision making under uncertainty
- Consumer-Producer theory
- Producer Theory
- Cost Analysis
- Econometrics
- Perfect Competition
- Monopoly
- Price discrimination
- Topics in pricing: uncertainty, yield management, transfer pricing
- Oligopoly
- Financial portfolios
- Public goods
- Regulation
- Information
- Principal-agent
- Game theory

## Course Staff

Instructor: [Ajaz Hussain](#)

Lectures: Tuesdays and Thursdays, 10 am – 1 pm in [MP 137](#)

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**Office Hours:** Tuesdays, 3 – 5 pm in [GE](#) 212.  
**Office:** [GE](#) 212, Economics Department, 150 St. George Street  
**Phone:** +1 (416) 978 – 4965  
**E-mails:** [sayed.hussain@utoronto.ca](mailto:sayed.hussain@utoronto.ca) , [Ajaz.hussain@rotman.utoronto.ca](mailto:Ajaz.hussain@rotman.utoronto.ca)  
*For all “administrative” matters please contact the TA*

**TA:** [Asad Priyo](#)

**Tutorials:** Fridays, 10 am – 1 pm in [MP](#) 137  
**Office Hours:** Thursdays 3 – 5 pm in [GE](#) 213  
**ECO 204 Google Phone #:** +1 (617) 855 – 8204  
**E-mail:** [Economics204@gmail.com](mailto:Economics204@gmail.com)

### E-mail Policy

- For all “administrative” matters please contact the TA through e-mail [Economics204@gmail.com](mailto:Economics204@gmail.com), or office hours (Thursdays 3 – 5 pm at [GE](#) 213), or during tutorials in [MP](#) 137
- Email is **not** an appropriate forum for discussing details which is why we have set aside office hours. That said, email can be helpful on occasion, and within limits. Accordingly, we will endeavour to reply to email within 24 hours, except on weekends, with the following provisions:
  - The question should require a one (or two) sentence response (maximum). If it takes more, office hours are the more appropriate venue;
  - We won’t answer questions about Excel (or computing more generally). Such questions should be discussed in my, or the TA’s, office hours.
    - We won’t answer emails requesting information that can be found on the website or the syllabus;
    - We will not reply to emails concerning grading. For such matters, office hours are more appropriate.
  - It is also (strongly) preferable that you use a UToronto email address: University policy stipulates a preference for these email addresses. Always identify yourself in your email; please do not send attachments of any kind; and please do not submit term work by email.

### Lectures, Tutorials and Office Hours

*Attendance is mandatory in all lectures & tutorials*

Lectures	Tutorials	Instructor Office Hours	TA Office Hours
Tuesdays and Thursdays 10 am – 1 pm in <a href="#">MP</a> 137	Fridays 10 am – 1 pm in <a href="#">MP</a> 137	Tuesdays 3 – 5 pm in <a href="#">GE</a> 212	Thursdays 3 – 5 pm in <a href="#">GE</a> 213

### Course Material

**“Lectures”:** ECO 204 lecture slides  
*Required*

- Posted midnight before lecture in [course plan](#) section
  - You are expected to print and bring lecture slides to class in order to take notes.
  - You can choose the number of slides per page to be printed by going to [Print → Print Properties](#)
- [Optional] Useful site for plots and calculations (equations, algebra, matrices, derivatives, integrals, etc.): [Wolfram Alpha](#)

#### **“Textbook”: ECO 204 chapters**

*Required*

- Posted regularly in [course plan](#) section
  - The chapters contain practice problems with highly detailed step by step solutions
- [Optional] Useful site for plots and calculations (equations, algebra, matrices, derivatives, integrals, etc.): [Wolfram Alpha](#)

#### **Excel 2007 or 2010**

*Required*

- Please add-in the Developer Tab and Data Analysis (VBA) and Solver tools ([instructions](#))
- We do *not* recommend using Excel on Apple machines (even if you’re running Windows)

#### **ECO 204 Excel Models Spreadsheet**

*Required*

- Updated with each lecture, HW and chapter and posted in [course plan](#) section
- New worksheets will be continuously added so be sure to download the latest version (download the Model from the latest lecture)
  - Please “enable macros” if prompted
- Having problems downloading the Excel Model? Solution 1: Don’t use Microsoft’s Internet Explorer; instead try using another browser such as [Firefox](#). Solution 2: Download the file and change the file extension from .zip to .xlsm. For example if the file name reads model.zip click on the file name once, and change “.zip” to “.xlsm”.

#### **HBS Cases**

*Required*

The following cases can be purchased from [Harvard Business School Press](#). To purchase, click [here](#), register as a student, pay by credit card, and download the pdf files to your computer

- The Prestige Telephone Company
    - Competitor Analysis: Anticipating Competitive Actions
    - Bitter Competition: The Holland Sweetener Co. vs. [NutraSweet](#) (A)
- The Aluminum Industry in 1994 (Click here for the [Cost data for all 157 primary aluminum smelters in the case](#) (password: quasifixed))

#### **Supplementary Textbooks & Manuals**

*Optional*

Test and exam questions will *not* be drawn from, or be similar to, the supplementary texts below

- [Introduction to Economic Analysis](#), Preston McAfee (free)
  - [Applied Theory of Price](#), Donald McCloskey (free)
- *Microeconomics* (3<sup>rd</sup> Edition), Besanko & Braetigam (BB) (Available at Robarts Library [Short Term Loans Desk](#))

- [Martin Osborne's Math Tutorial](#)
- [The Elements of Style](#), William Strunk 3<sup>rd</sup>
  - [The Case Study Handbook](#)

### Course Evaluation

Please see test and paper policies below.

Grade Component	Due Date
Test 1 = 15%	Friday, June 3 <sup>rd</sup> , 6 – 8 pm in <a href="#">WI 1017</a> Please bring U of Toronto ID and a scientific calculator If you have a direct conflict with the test you <i>must</i> inform Asad Priyo by <a href="#">email</a> at least one week in advance
Test 2 = 15%	Friday, June 24 <sup>th</sup> , 6 – 8 pm in <a href="#">WI 1017</a> Please bring U of Toronto ID and a scientific calculator If you have a direct conflict with the test you <i>must</i> inform Asad Priyo by <a href="#">email</a> at least one week in advance
Test 3 = 15%	Friday, July 22 <sup>nd</sup> , 6 – 8 pm in <a href="#">WI 1017</a> Please bring U of Toronto ID and a scientific calculator If you have a direct conflict with the test you <i>must</i> inform Asad Priyo by <a href="#">email</a> at least one week in advance
Group Paper and Excel Model = 5%	Submit <a href="#">group information form</a> (electronically fillable) on Friday, June 3 <sup>rd</sup> through “Group Paper Assignment” tab on Blackboard. Submit soft copy of paper through <a href="#">Turnitin</a> “group paper” by midnight, July 8 <sup>th</sup> (course ID: 4020816, password: <i>quasisummer</i> . One submission per group) Submit hard copy of paper and a CD with Excel model at the beginning of the tutorial section. One submission per group
Individual Paper and Excel Model = 5%	Submit soft copy of paper through <a href="#">Turnitin</a> “individual paper” by midnight, August 5 <sup>th</sup> (course ID: 4020816, password: <i>quasisummer</i> ) Submit hard copy of paper and a CD with Excel model at the beginning of the tutorial section.
Cumulative and Comprehensive Makeup Test = Value of all missed tests (Conditional on approval by instructor. Please see notes below) Cumulative and Comprehensive Final Exam = 45%	Friday, August 12 <sup>th</sup> , 4 – 6 pm in <a href="#">GE 213</a> Please bring U of Toronto ID and a scientific calculator

TBA at [A & S Examination Schedule](#)  
Please bring U of Toronto ID and a scientific calculator.  
[Guide](#) to course grades (including how to appeal course grades)

### Tests and Exam Policies

- All tests are scheduled on Fridays from 6 – 8 pm and in [WI 1017](#). See dates above. Actual test time is from 6:10 pm – 8 pm.
- You must be at the exam room by 6 pm sharp. You will not be given extra time if you're late.
- If you have a direct conflict with a test, you must [email](#) the head TA Asad Priyo one week before the test to make alternative arrangements (for example, taking the test earlier in the day)
- You must show your U of Toronto ID and sign the “signup sheet” and stay seated until all tests have been collected and counted. The proctor will tell you when you can leave the room.
- It is your responsibility to write your name and ID # on tests as they appear in ROSI. Failure to do so will result in a 10 point penalty per incident (the penalty is not 10% of your score but rather 10 points put of 100).
- A grade of zero will be given to students who do not write a test, unless an appropriate and convincing note is received by the instructor within 3 calendar days of the missed test explaining why the test was missed and the student passes a ½ oral exam administered within 3 business days of the test (see below). If the test was missed due to an illness then the note must be provided using an [original University of Toronto medical certificate](#) (photocopies or emailed certificates will NOT be accepted). The note must clearly state that on the date of the test, the student was too sick to write the test and must list the physician's OHIP number. Illness *before* the test is *not* sufficient grounds for missing the test nor statements that the student would have performed “sub-optimally.” To comply with these requirements, it is expected that the student will have met with the doctor on the date of the test. I will review each sick note and conduct a ½ hour oral exam (see below) to determine whether there are sufficient grounds for a student to be excused from a test. Part of this review process may include following up with the physician. It is an academic offence to feign illness to avoid a test. Notes from acupuncture clinics, chiropractors, “health care professionals” will not be accepted.
- *If* a student has been excused from a test by the instructor he or she will be permitted to write a single, comprehensive, cumulative make-up test, provided that I am satisfied with the explanation for why the student missed the test and the student convinces me through a ½ hour oral exam administered within 5 (calendar) days of the test that he/she was prepared for the test. If these two conditions are satisfied, the student will be allowed to take a make-up test on Friday, August 12<sup>th</sup>, 4 – 6 pm in [GE 213](#). The makeup test covers all material in the course through to the make-up test date. The make-up test will be worth the value of all missed tests. Consistent with university policy, there is no “make-up” test for the make-up test. No medical excuses will be accepted for missing the makeup test and a grade of zero will be applied.
- For all term tests, if students wish to appeal a grade, they must provide a written explanation using the [Test Remark Request form](#) (electronically fillable) for why they believe their grade is mistaken, and submit the signed form and test in person to the Head TA Asad Priyo *within one week of the tests being returned to the class*.
- Some students tend to study for tests and exams by first looking at previous tests and exams. This strategy only works if the instructor, for whatever reason, repeats or varies questions from previous tests and exams. ECO 204 tests and exams do not repeat questions from previous tests and exams. Rather, ECO 204 tests and exams questions are designed to test your understanding of the material and techniques. You should strive to understand the general method and techniques and not memorize details of particular questions from past tests. Often, you'll be tested on whether you can apply concepts and techniques to problems you've never seen before. Memorizing solutions to old problems will not give you the tools to solve a new problem. Instead, you need to understand the techniques and model and develop a “thinking cap” by synthesizing previous problems with microeconomic tools and models. As such, the best way to prepare is not by doing old problems and hope that you have covered “everything”. In this respect, HW and practice problems are critical for success in ECO 204 bearing in mind Jenn Murdock's advice to students:



*“Inappropriate use of the solutions is dangerous for your marks. Assigned problems are designed to help you build skills and to deepen your understanding of the course material. One important skill is being able to figure out a solution approach to a problem that you have not seen before. This skill is routinely tested. By looking at the solutions before you have made every effort to solve the problem yourself, including going back to study your lecture notes and the textbook, you are robbing yourself of a valuable opportunity to practice. After you finish a problem, look at the question again and your answer and think about how this fits into the course, what concepts you used and what assumptions you made”. [Source]*

- If you're having problems in the course, please know that we are always ready to help you provided you approach us in time. Do not delay asking for help.
  - Procedures for appealing course marks are outlined [here](#)

### Papers Policies

- Please submit [group information form](#) (electronically fillable) on Friday, June 3<sup>rd</sup> through “Group Assignment Tab” at Blackboard.
- Group paper: submit soft copy of paper through [Turnitin](#) “group paper” by midnight, July 8<sup>th</sup> (course ID: 4020816, password: quasisummer). Submit hard copy of paper and a CD with the Excel model at the beginning of the tutorial section. Penalty for putting ID #s: 5 points. One submission per group. No ID #s anywhere in the paper or Excel model. Penalty for late submissions: 25% for each day after deadline. It is your responsibility to write your names papers as it appears in ROSI. Failure to do so will result in a 5% penalty per incident
- Individual paper: submit soft copy of paper through [Turnitin](#) “individual paper” by midnight, August 5<sup>th</sup> (course ID: 4020816, password: quasisummer). Submit hard copy of paper and a CD with the Excel model at the beginning of the tutorial section. Penalty for late submissions: 25% for each day after deadline. It is your responsibility to write your name and ID # on the paper as it appears in ROSI. Failure to do so will result in a 5% penalty per incident
- All written work must be submitted for review through [www.turnitin.com](#). Disclaimer concerning Turnitin.com: *Students agree that by taking this course all required papers will be subject to submission for textual similarity review to Turnitin.com for the detection of plagiarism. All submitted papers will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.*

### Academic Integrity

Academic integrity is one of the cornerstones of the University of Toronto. It is critically important both to maintain our community which honors the values of honesty, trust, respect, fairness and responsibility and to protect you, the students within this community, and the value of the degree towards which you are all working so diligently. According to Section B of the University of Toronto's [Code of Behavior on Academic Matters](#) which all students are expected to know and respect, it is an offence for students:

- To obtain unauthorized assistance on any assignment. showing another student completed work (e.g., an answer in a test).
  - To falsify or alter any documentation required by the University. This, includes, but is not limited to, doctor's notes.
  - To use or possess an unauthorized aid in any test or exam

There are other offences covered under the [Code](#) but these are by far the most common. Please respect these rules and the values which they protect.

### Some Past Tests & Final Exams

Solutions to Final Exams are *not* available to students; however, many final exam questions have appeared and will appear in HW problems. When studying for tests and exams you are strongly encouraged to begin with lectures, HWs, and chapters and only then should you do past tests and final exams. Starting with tests and final exams is a recipe for doing poorly in ECO 204.

#### ECO 204 2010 - 2011

- [Test 1](#) ([Test 1 Solutions](#)) • [Test 2](#) ([Test 2 Solutions](#)) • [Test 3](#) ([Test 3 Solutions](#)) • [Final Exam](#) (Solutions NA)

#### ECO 204 Summer 2010

- [Test 1](#) ([Test 1 Solutions](#)) • [Test 2](#) ([Test 2 Solutions](#)) • [Test 3](#) ([Test 3 Solutions](#)) \* [Final Exam](#) (Solutions NA)

#### ECO 204 2009 - 2010

- [Test 1](#) ([Test 1 Solutions](#)) • [Test 2](#) ([Test 2 Solutions](#)) • [Test 3](#) ([Test 3 Solutions](#)) • [Final Exam](#) (Solutions NA)

#### ECO 204 Summer 2009

- [Test 1](#) ([Test 1 Solutions](#)) • [Final Exam](#) (Solutions NA)

#### ECO 204 2008 - 2009

- [Test 1](#) ([Test 1 Solutions](#)) • [Test 2](#) ([Test 2 Solutions](#)) • [Test 3](#) ([Test 3 Solutions](#)) • [Test 4](#) ([Test 4 Solutions](#)) • [Final Exam](#) (Solutions NA)

### Detailed Course Plan and Schedule

◀ April	~ May 2011 ~					June ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14



◀ April	~ May 2011 ~					June ▶
Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Sat 21
		<a href="#">Lecture 1</a> <a href="#">ECO 204 Excel Models</a> <a href="#">ECO 204: Chapter 1 (draft #2; draft #3 coming soon)</a>		<a href="#">Lecture 2</a> HBS case: <i>The Prestige Telephone Company</i> <a href="#">ECO 204 Excel Models</a> <a href="#">ECO 204: Chapter 1 (draft #2; draft #3 coming soon)</a>  TA Office Hours 3 – 5 in <a href="#">GE</a> 213	Tutorial 1  <a href="#">HW 1</a> HBS case: <i>The Prestige Telephone Company</i>	
22	23	<a href="#">Lecture 3</a> Ajaz Office Hours 3 – 5 in <a href="#">GE</a> 212	25	26	27	28
				Lecture 4  TA Office Hours 3 – 5 in <a href="#">GE</a> 213	Tutorial 2  <a href="#">HW 2</a>  DEADLINE to let Asad know if you have a direct conflict with Test 1.  Please <a href="#">email</a> Asad with your name, ID # and reason for conflict.	
29	30	31	<b>Notes:</b>			
		Lecture 5 Ajaz Office Hours 3 – 5 in <a href="#">GE</a> 212				

◀ May	~ June 2011 ~					July ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat

◀ May	~ June 2011 ~					July ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 Lecture 6  TA Office Hours 3 – 5 in <a href="#">GE</a> 213	3 Tutorial 3  HW 3  Deadline to submit <a href="#">group information form</a> through “Group Assignment Tab” on Blackboard  Test 1: 6 –8 pm in <a href="#">WI 1017</a> Please bring U of T ID and a scientific calculator  <a href="#">Test Remark Request form</a> (electronically fillable)	4
5	6	7 Lecture 7  <a href="#">Ajaz Office Hours</a> 3 – 5 in <a href="#">GE</a> 212	8	9 Lecture 8  TA Office Hours 3 – 5 in <a href="#">GE</a> 213	10 Tutorial 4  HW 4	11
12	13	14 Lecture 9  <a href="#">Ajaz Office Hours</a> 3 – 5 in <a href="#">GE</a> 212	15	16 Lecture 10  TA Office Hours 3 – 5 in <a href="#">GE</a> 213	17 Tutorial 5  HW 5  DEADLINE to let Asad know if you have a direct conflict with Test 2.  Please <a href="#">email</a> Asad with your name, ID # and reason for conflict.	18

◀ May	~ June 2011 ~					July ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
19	20	21 Lecture 11 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	22	23 Lecture 12 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	24 Tutorial 6 HW 6 Test 2: 6 – 8 pm in <a href="#">WI 1017</a> Please bring U of T ID and a scientific calculator  <a href="#">Test Remark Request form</a> (electronically fillable)	25
26	27 Reading Week	28 Reading Week	29 Reading Week	30 Reading Week	Notes: No classes or tutorials during reading week	

◀ June	~ July 2011 ~					August ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Canada Day: No Tutorial	2
3	4	5 Lecture 13 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	6	7 Lecture 14 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	8 Tutorial 7 HW 7 Hard copy of group paper and Excel model due at beginning of tutorial session  Soft copy of group paper should be submitted through <a href="#">Turnitin</a> course ID: 4020816, password: quasisummer	9

◀ June	~ July 2011 ~						August ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
10	11	12 Lecture 15 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	13	14 Lecture 16 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	15 Tutorial 8 HW 8 DEADLINE to let Asad know if you have a direct conflict with Test 3. Please <a href="#">email</a> Asad with your name, ID # and reason for conflict.	16	
17	18	19 Lecture 17 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	20 Final Exam Schedule Posted on <a href="#">A &amp; S Exam Website</a>	21 Lecture 18 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	22 Tutorial 9 HW 9 Test 3: 6 – 8 pm in <a href="#">WI 1017</a> Please bring U of T ID and a scientific calculator <a href="#">Test Remark Request form</a> (electronically fillable)	23	
24 Last day to drop the course without academic and GPA record	25	26 Lecture 19 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	27	28 Lecture 20 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	29 Tutorial 10 HW 10	30	
31	Notes:						

◀ July	~ August 2011 ~						September ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat	

◀ July	~ August 2011 ~					September ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 Lecture 21 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	3	4 Lecture 22 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	5 Tutorial 11 HW 11  Individual paper and Excel model due at beginning of tutorial session.  Soft copy of individual paper should be submitted through <a href="#">Turnitin</a> course ID: 4020816, password: quasisummer	6
7	8	9 Lecture 23 <u>Ajaz Office Hours</u> 3 – 5 in <a href="#">GE 212</a>	10	11 Lecture 24 <u>TA Office Hours</u> 3 – 5 in <a href="#">GE 213</a>	12 Tutorial 12 HW 12  If necessary, cumulative and comprehensive makeup test in <a href="#">GE 213</a> , 4 – 6 pm  Please bring U of T ID and a scientific calculator	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27

◀ July	~ August 2011 ~					September ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	<p><b>Notes:</b></p> <p>There will be extra office hours and a review session for the final exam. Dates and location TBA.</p>		