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Office Hours: *by appointment*

ECO 1010: Math & Stats Review for MA/MFE

University of Toronto
Department of Economics

Fall 2021

COURSE DESCRIPTION

ECO 1010 reviews mathematical and statistical core concepts that are relevant for the MA and MFE program. This course is mandatory for all incoming MA (Regular Stream) and MFE students.

LOGISTICS

Course dates: Weekdays, Tuesday August 17 to Friday, September 3

See detailed schedule below.

Teaching Assistant: Tommaso Alba

(office hours, weekdays 5-6pm, online)

Course website: Quercus, at <https://q.utoronto.ca/courses/227407>

Students are responsible for reading course announcements, lecture notes, and other materials posted on the course website.

ASSESSMENT/GRADING

ECO 1010 is a “credit/no credit” course. To pass ECO 1010, students must pass the following two tests:

*Test 1 (“math”) on **Friday, August 27, 2021, 10am – 12pm***

*Test 2 (“stats”) on **Friday, September 3, 2021, 10am – 12pm***

() To pass the class students must obtain an average score of 70% or higher (i.e. **B- or higher**) in these two tests. In addition, students must score at least 50% in each individual assessment.*

Students who do not meet these criteria you must successfully pass the following comprehensive test:

*Test 3 (“math & stats”) on **Friday, November 19, 2021, 2 – 5pm***

Passing the comprehensive test requires to meet the criteria from () when replacing the weaker of Test 1 & 2 by Test 3.*

Assessment dates and times are subject to change.

COURSE MATERIALS

Course materials and problem sets (“homework”) will be posted on the ECO 1010 website on Quercus. There is no required textbook for this course, but the following supplementary textbooks/resources may be useful:

- Martin Osborne’s [Math Tutorial](#)
- Alpha Chiang’s [Fundamental Methods of Mathematical Economics](#)
- Alvin Drake, [Fundamentals of Applied Probability Theory](#)
- Hogg, McKean, and Craig, [Introduction to Mathematical Statistics](#)
- Hanson: [Econometrics](#)

Homework problem sets: Will be posted on Quercus. The only way to familiarize yourself with the mathematic and statistics concepts discussed in class is by applying the methods yourself and solving problems. Make sure to solve the problems yourself (or give it your best shot) and *write down the solutions before* solutions are discussed in the tutorial.

EMAIL POLICY

I have found email generally not to be the best communication format to address questions and concerns of students. I expect you to attend all lectures and tutorial sessions (run by the TA). Please make use of our office ours for any your questions and concerns that you may have.

I will do my best to respond to e-mail within 24 hours on a weekday, 48 hours on a weekend according to the following policy:

- a) I will only respond to e-mails posing questions that can be answered in a sentence or two. For detailed questions, please see me or the TA in office hours.
- b) I will not reply to e-mails that request information that can be found on the website or the syllabus, so you should check those places first.
- c) I will not reply to e-mails regarding the results of graded material – for that, please see me in office hours.

CLASS RULES

Academic integrity is considered one of the central values of this class. *In particular, any non-compliance with academic integrity or documented academic misconduct will result in automatic failure for the entire course.* This includes but is not limited to violating the rule that: **No communication between students or with outside sources is allowed during a class test.** Please familiarize yourself with the [code of behavior on academic matters](#).

Missing a test: Students who miss a test due to a medical issue must notify me (and cc the TA) by email before the test begins. For 2020-21, the Verification of Illness (or “doctor's note”) is not required. If you are absent from academic participation for any reason and require consideration for missed academic work, you must record your absence through the ACORN online absence declaration immediately. If I find the documentation acceptable, students will be notified on how to make-up for the missed test. Note that providing false or misleading information in support of a request for a make-up is a serious academic offence.

Accessibility/ Accommodation: If you have a disability that warrants accommodation, please contact me by e-mail as soon as possible. Attach to your e-mail the accommodation letter that you received from the Accessibility Service Office ([here](#)). The subject line of your e-mail should be: ECO1010 VISA

Course Calendar				
<u>Mon, Aug 16</u>	<u>Tue, Aug 17</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Wed, Aug 18</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Thu, Aug 19</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Fr, Aug 20</u> 10am – 1pm Lecture 2pm – 4pm Tutorial
<u>Mon, Aug 23</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Tue, Aug 24</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Wed, Aug 25</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Thu, Aug 26</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Fr, Aug 27</u> Test 1 (<i>online</i>) 10am – 12pm (<i>tentative</i>)
<u>Mon, Aug 30</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Tue, Aug 31</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Wed, Sept 1</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Thu, Sept 2</u> 10am – 1pm Lecture 2pm – 4pm Tutorial	<u>Fr, Sept 3</u> Test 2 (<i>online</i>) 10am – 12pm (<i>tentative</i>)
				<u>Fr, Nov 19</u> Test 3 (<i>format tbd</i>) 2 – 5pm (<i>tentative</i>)