

Department of Economics
University of Toronto
2010/2011 Academic Year

Dr. Yu

Course ECO220Y1Y-L0301 Quantitative Methods in Economics

Time and Location Wednesday 10-12 (Lecture) in EM001
Friday 10-11 (Tutorial) in EM119

Instructor Dr. V. Yu
Office Room 344, Max Gluskin House, 150 St. George Street
E-mail victoryu@chass.utoronto.ca
Office hours Wednesday 1-3 pm, Friday 11am - 1pm
(If possible, please email Dr. Yu on the day before to inform him that you are coming during the office hours)

Website We will use Blackboard. You need to login to Blackboard using your UTORid and password.

Textbook Statistics for Management and Economics, 8th Edition, Keller, Duxbury Press 2008, ISBN 0-324-65337-9. (Note: You can also use the 7th edition of the book instead of the 8th edition)

Marking Scheme	<u>Test</u>	<u>Date</u>	<u>Time</u>	<u>Weight</u>	<u>Location</u>
	Tests 1, 2	Fall 2010		32%	
	Test 3	2011/02/11(Friday)	6-8pm	13%	EX 100
	Test 4	2011/03/18(Friday)	6-8pm	13%	EX 200
	<u>Excel test</u>	<u>Mar/Apr 2011</u>		7%	<u>Multimedia classroom*</u>
	<u>Final Exam (3 hours)</u>			35%	<u>(Apr 12-29, 2011)</u>
				Total 100%	

* Multimedia classroom (Room 36 in the basement), Department of Sociology, 725 Spadina Avenue, corner of Spadina and Bloor. The computer test is roughly a 30-minute to one-hour test in March/April 2011. Details will be announced in the winter term.

Tests will vary from section to section. The Final Exam is the same to all sections. In case the University closes (usually due to snowstorm, power failure, etc) on the day of a test, refer to Blackboard for instructions.

Aids Allowed in Tests and Final Exam

Tests – formula sheets (provided to you with the test) and any calculator.

Final Exam – formula sheets (provided to you with the final exam) and calculator.

Computer tutorials and the Excel test

Details will be posted in Blackboard by the instructor for Excel training, Christy Chen, christy.chen@utoronto.ca.

Missing a Test

- The weight of your first missing test will be added to the final exam.
- If you miss more than one test, your 2nd, 3rd and 4th missing test marks will be zero.

Help Sessions/Tutorials

The TA for this course will hold tutorials on Fridays 10-11 in EM119 starting February 28. Details on the tutorials will be posted on a separate notice or email.

Course Outline (8th Edition of the textbook)

The lectures will always fall behind the course Outline. The idea is to have the students read the textbook before coming to class.

Year	Date	Chapter and Section	Contents
2011	Jan 12	11.1, 11.2, 11.3, 11.4	Introduction to Hypothesis Testing
	Jan 19	12.1, 12.3	Inference about a Population
	Jan 26	(chapter 12 continued)	(skip Wilson estimators)
	Feb 02	13.1, 13.2, 13.5	Inference about comparing Two
	Feb 09	(chapter 13 continued)	Populations
	Feb 11(Friday)		Test 3 (2 hours) 6-8 pm in EX 100.
	Feb 16	16.1, 16.2, 16.3, 16.4	Statistical inference: review of Chapters 12 and 13
	Feb 23	Reading week, no class	
	Mar 02	16.5, 16.6	Simple Linear Regression and Correlation
	Mar 09	(chapter 16 continued)	
	Mar 16	(chapter 16 continued)	
	Mar 18(Friday)		Test 4 (2 hours) 6-8 pm in EX 200.
	Mar 23	17.1, 17.2	Multiple Regression
	Mar 30	18.1, 18.2, 18.6	Model Building
	Apr 12-Apr 29		Final Exam (3 hours)

Recommended exercises from the 8th edition of the textbook

Chapter	Exercises
1	1.1– 1.7
2	2.3, 2.4, 2.6, 2.11, 2.14, 2.15, 2.21, 2.31, 2.33, 2.35, 2.56, 2.59, 2.62
4	4.1, 4.3, 4.6, 4.8, 4.10, 4.20, 4.22 - 4.30, 4.37, 4.38, 4.40, 4.42, 4.46, 4.55, 4.56, 4.57, 4.59
5	5.1 - 5.10, 5.13, 5.17 – 5.19
6	6.5, 6.8, 6.9, 6.10, 6.14, 6.15, 6.17, 6.18, 6.20, 6.21, 6.22, 6.27, 6.32, 6.36, 6.38, 6.41, 6.44, 6.45, 6.48, 6.50, 6.52, 6.53, 6.56, 6.64, 6.66, 6.68, 6.75, 6.77, 6.78, 6.80, 6.87, 6.89, 6.94, 6.95
7	7.1, 7.2, 7.5 – 7.8, 7.14 – 7.17, 7.18 – 7.21, 7.26, 7.34, 7.37 – 7.42, 7.43 – 7.46, 7.49, 7.50, 7.52, 7.54, 7.56, 7.81, 7.82, 7.85, 7.87, 7.90 – 7.96, 7.99, 7.103, 7.108, 7.109, 7.110, 7.112,

- 7.115, 7.116, 7.118, 7.123, 7.125, 7.128, 7.132, 7.140
- 8 8.1 – 8.5, 8.9 – 8.14, 8.16, 8.18, 8.20, 8.22, 8.24, 8.26, 8.28, 8.30,
8.32, 8.34, 8.36, 8.38, 8.40, 8.42, 8.44, 8.46, 8.48, 8.50, 8.52, 8.54,
8.56, 8.58, 8.60, 8.62, 8.64
- 9 9.5 – 9.12, 9.15 – 9.16, 9.19, 9.21 – 9.24, 9.28, 9.30, 9.31, 9.32,
9.34, 9.36 – 9.39, 9.42, 9.45 – 9.51, 9.53
- 10 10.1 – 10.8, 10.10, 10.12, 10.14, 10.16, 10.17 – 10.20, 10.22, 10.26,
10.29, 10.41 – 10.44, 10.48 – 10.50, 10.56
11. 11.8, 11.10, 11.12, 11.14, 11.16, 11.18, 11.20, 11.28, 11.30
11.48, 11.50, 11.52, 11.62, 11.64
- 12 12.2, 12.4, 12.6, 12.8, 12.14, 12.16, 12.22, 12.24,
12.42, 12.44, 12.54, 12.56, 12.58, 12.60, 12.62, 12.66, 12.68, 12.70
- 13 13.2, 13.4, 13.6, 13.8, 13.10, 13.32, 13.34, 13.40, 13.42,
13.57, 13.58, 13.62, 13.70, 13.72, 13.74, 13.82, 13.84
- 16 16.2, 16.4, 16.6, 16.8, 16.10, 16.12, 16.26, 16.28, 16.30, 16.32,
16.62, 16.64, 16.66, 16.68
- 17 17.2, 17.4, 17.6
- 18 18.2, 18.4, 18.6