

## University of Manitoba

### ECON 4042: Topics in Econometrics, 14441, Fall Term, 2018

Class Location and Time: 10:00 – 11:15, Tuesday/Thursday, Human Ecology 304

Instructor: Ryan Godwin

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Office hour: Tuesday, 11:30 – 12:30, Room 646, Fletcher Argue

#### Course Description

The course has two main aims: (i) to prepare students for graduate level econometrics; (ii) to give students practical skills, through the use and understanding of OLS and basic extensions. The theoretical aspect of the course, satisfying (i), is accomplished through an expository (less mathematical) presentation of graduate level topics. Technical and practical computer skills will be gained through R programming, which will further serve to elucidate the theory. The course will culminate in a project in which students will create an R program that estimates OLS and some related statistics. As such, there is an emphasis on computer programming using [the R Project for Statistical Computing](#).

#### Recommended Textbooks

Greene, W. H., *Econometric Analysis*, 7<sup>th</sup> ed. (Prentice Hall, 2011)

Cameron, A. C. & Trivedi, P. K. *Microeconometrics – Methods and Applications*

Stock, J. H. & Watson M. W., *Introduction to Econometrics 3<sup>rd</sup> Edition*

[Godwin, R., \*Introduction to Econometrics\*](#)

#### Course Website

Course resources (including **lecture notes**) will be available through a website. You should also check the site regularly for announcements. The course website can be accessed at:

<http://home.cc.umanitoba.ca/~godwinrt/4042/>

#### Evaluation

Assignments	<b>10%</b>
Midterm (Oct. 30)	<b>20%</b>
Final	<b>30%</b>
Project	<b>40%</b>

Assignments will consist of problem sets and computer exercises. The midterm and final examination will be “closed book/closed notes.” **The final examination will cover all of the material presented in the course.** Each piece of assessment in the course will be graded on a percentage scale, according to a grading scheme. Solutions to the evaluations will be given in class, if necessary. The percentage marks will then be weighted, as above, into a single numerical score that will be converted to a letter grade as follows:

**A+ 100-92**, **A 91.9-85**, **B+ 84.9-78**, **B 77.9-71**, **C+ 70.9-64**, **C 63.9-57**, **D 56.9-50**, **F 49.9-0**

Students appealing any term work (including any test, assignments, final exam) whether it be an informal or formal appeal must appeal their term work within 10 working days of receiving their mark. All final grades are subject to departmental approval.

### **Notes about evaluation**

- If you have documentation supporting a medical or compassionate reason, a missed test will result in either make-up work, or the reweighting of your grade, on my decision. Otherwise, a missed test will result in a mark of zero.
- Nov. 19<sup>th</sup> is the last day for Voluntary Withdrawal from courses in Fall Term 2018. A minimum of 25% of your grade will be determined by this date.
- Class attendance is mandatory, but will not constitute any portion of your grade.
- The course project (worth 40%), is to be completed independently, as are all assignments.

### **Student Accessibility Services**

Students with disabilities should contact Student Accessibility Services to facilitate the implementation of accommodations, and meet with me to discuss the accommodations recommended by Student Accessibility Services.

### **Academic Integrity**

Students should acquaint themselves with the University's policy on plagiarism, cheating, exam personation, ("Personation at Examinations" (Section 5.2.9) and "Plagiarism and Cheating" (Section 8.1)) and duplicate submission by reading documentation provided at the Arts Student Resources web site at <http://www.umanitoba.ca/faculties/arts/student/index.html>. Ignorance of the regulations and policies regarding academic integrity is not a valid excuse for violating them.

### **Regulations Regarding the Retention and Disposal of Term Work**

Information regarding the breakdown of grades assigned to a student in a given course (i.e., grades assigned for term work, class participation, final examination, etc.) must be retained by the instructor and/or the respective department for three years following the end of term in which the course was taken.

No student will be permitted to submit term work for assessment to the instructor (and term work should not be returned to students) by any means which allows unrestricted and unauthorized public access to the term work. For example, term papers, term tests or other written assignments should not be received or returned from a box outside the instructor's office door, but a student could provide a self-addressed stamped envelope for return of the term work.

Unreturned term work must be kept in a secure and confidential department area for a minimum of four (4) months following the end of the course and until destroyed by confidential measures. The Final day of the University's Final Examination period each term is considered as the last day of the term. Instructors shall include on their course outlines a statement to the effect that unreturned term work will become the property of the Faculty of Arts and will be subject to confidential destruction.

### **Policies and Resources**

For a list of academic supports, a statement regarding mental health that includes referral information to resources and student supports, a notice to respect copyright, and information on procedures and supplemental regulations, please see:

<https://umanitoba.ca/statistics/files/pages/2016/09/Schedule-A-ROASS-Statistics.pdf>