University of Manitoba
Faculty of Arts
Department of Economics

COURSE DETAILS

Course Title & Number:	Quantitative Methods in Economics 2040 A01
Number of Credit Hours:	3
Class Times & Days of Week:	1:45pm – 4:15 pm, Monday and Wednesday May 01, 2017 to June 20, 2017
Location for classes:	Rm 201 Isbister Building

Pre-Requisites: A grade of "C" or better in six credit hours of 1000 level Economics

Instructor Contact Information

Instructor Name:	Hubert G. Scarlett
Office Location:	553 Fletcher Argue Building

Office Hours or Availability: Tuesday 1:00 pm – 2:00 pm or make an appointment by email.

Email: In sending me emails, please include in the subject line the course code and end your email with your name and identification number. I will respond to email(s) within 48 hours.

Contact: I can be contacted at scarleth@myumanitoba.ca.

Teaching Assistant: TBA

Course Description

This course is an introduction to statistical methods relevant to Economics, which include: descriptive statistics; probability and probability distributions; hypothesis testing; and ordinary least squares regression. The use of contemporary econometric software is required. Students may not hold credit for both ECON 2040 and the former ECON 3170 (018.317). Students in the fields of economics and business will find this course useful. Upon completion of the course, students will be equipped to take on econometrics materials taught in ECON3040.

Textbook, Readings, Materials

Required textbook: Newbold, Paul, William Carlson and Betty Thorne. Statistics for Business and Economics, 8th Edition, Pearson Canada.

The book can be purchased at the University of Manitoba Student Bookstore or online at Pearson Canada website with MyStatlab access card with eText. The course ID for MyStatLab registration is **scarlett80028**.

Additional reading material can be sourced at the University's library.

Expectations: You Can Expect Me To

A large part of my teaching practice includes the use of questions in class. I expect students to respond but I do not expect perfection. Feel free to ask course related questions. If time does not permit me to explain, arrangement will be made to do so during office hours.

Tentative Class Schedule

This schedule is subject to change at the discretion of the Instructor, pace of the course and/or based on the learning needs of the students but such changes are subject to Section 2.8 of the –ROASS- Procedure).

Chapter 1: Describing Data - Graphical
Chapter 2: Describing Data - Numerical
Chapter 3: Probability
Chapter 4: Discrete Random Variables and Probability Distributions
Chapter 5: Continuous Random Variables and probability Distributions
Chapter 6: Sampling and Sampling Distributions
Chapter 7: Single Population
Chapter 8: Estimation- Additional Topics
Chapter 9: Hypothesis Test- Single Population
Chapter 10: Hypothesis
Chapter 11: Simple Regression
Chapter 15: Analysis of Variance

Important Date

June 8, 2017	Voluntary withdrawal date

Course Evaluation Methods

Date	Assessment Tool	Weight
Assignments will be at set times throughout the course.		10%
May 15, 2017	Mid Term #1	20%
May 29, 2017	Mid Term #2	20%
June 22, 2017	Final Exam	50%

Grading

The letter grade for the course will be determined by the scale below. **Your overall grade for the course is subject to departmental approval**. All exams will include either multiple choices and or short answer questions. Evaluative feedback will be provided by the voluntary withdrawal date of **June 8, 2017**. Please feel free to contact me before you decide to withdraw from the course.

A+: 92.0 – 100 %, A= 84.0 – 91.9, B+ = 75.0 – 83.9%, B = 70 - 74.9%,
C+ = 65.0 - 69.9%, C = 60.0 - 64.9 %, D = 50.0 – 59.9%, F = 0 – 49.9%

The exams will be set on the premise that students attended all classes leading up to the exam. In addition, it is the duty of each student to study the material covered in class and make use of office hours in order to maximize their performance in the course.

The final exam is cumulative and the date set by the Registrar's Office.

Exam Policy: Students will not be permitted to write make-up Term Exam, except for documented medical or compassionate reasons.

Assignment Descriptions

The assignments will involve the use of MyStatLab and Microsoft Excel. These assignments are aimed at letting students applying theoretical concepts and performing empirical analysis in order to get a wholesome understanding of the material thought.

Assignment Grading Times

Students will receive their grades within five (5) days of submission.

Re-grading Policy: The appealing of any exam grade should be done formally or informally within ten (10) days of receiving your grade. Please note that the request of a remark of an exam, will result in the remark of the entire exam script and not just a part of the paper. See the Registrar's Office website for more information including appeal deadline dates and the appeal form http://umanitoba.ca/registrar/

Policy on Unclaimed Term Work: Any term work that has not been claimed by students will be held for four (4) months from the end of the final examination period for the term in which the work was assigned. At the conclusion of this time, all unclaimed term work will become property of the Faculty of Arts and be destroyed according to the Freedom of Information and Protection of Privacy Act (FIPPA) guidelines and using confidential measures of disposal.

Assignment Extension and Late Submission Policy

All assignments are expected to be submitted on time. Assignments that is submitted within a day after the due date will lose a-half of the marks. Students submitting assignment after this period or who failed to submit an assignment will be assigned a grade of zero.

Using Copyrighted Material

Example: Please respect copyright. We will use copyrighted content in this course. I have ensured that the content I use is appropriately acknowledged and is copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created by me, are made available for private study and must not be distributed in any format without permission. Do not upload copyrighted works to a learning management system (such as UM Learn), or any website, unless an exception to the *Copyright Act* applies or written permission has been confirmed. For more information, see the University's Copyright Office website at http://umanitoba.ca/copyright/ or contact um_copyright@umanitoba.ca.

Recording Class Lectures

Hubert Scarlett and the University of Manitoba hold copyright over the course materials, presentations and lectures which form part of this course. No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission from Hubert Scarlett. Course materials (both paper and digital) are for the participant's private study.

Course Technology

It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom

setting only for educational purposes approved by instructor and/or the University of Manitoba Disability Services. Student should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline "gaming" during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it.

Students will be required to bring their computers to class to perform quantitative analysis.

Course material will be placed on **UMLearn** during the term. It is the student's responsibility to keep up to date with the course webpage.

Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit:
http://umanitoba.ca/admin/governance/media/Electronic_Communication_with_Students_Policy_-_2014_06_05.pdf

Please note that all communication between myself and you as a student must comply with the electronic communication with student policy (http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html). You are required to obtain and use your U of M email account for all communication between yourself and the university.

Expectations: I Expect You To

Disruptions due to excessive talking, use of cellphone or early departures from the classroom are especially distracting. Please be considerate and respectful of the needs and rights of others in the class. Students should be aware that persistent disruption may result in disbarment from the course. Any student who has a legitimate reason for leaving class early should inform the instructor at the beginning of the class. Computers should only be used in class for course related matters.

I will treat you with respect and would appreciate the same courtesy in return. See Respectful Work and Learning Environment Policy.

Lecture attendance is very important. This is where you will be guided in understanding the course material. Your participation in class is expected as well as punctuality and respect for your classmates and Instructor.

Academic Integrity:

Students are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the **Academic Integrity** regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support http://umanitoba.ca/academicintegrity/ View the **Student Academic Misconduct** procedure for more information.

The minimum penalty for plagiarism on a written assignment is F on the paper and may result in an F-DISC (discipline) in the course. This notation appears on the student's transcript. For repeat violations, this penalty can also include suspension from the Faculty of Arts for a period of up to 1 year. The minimum penalty for academic dishonesty in a test or final examination is F for the test/examination, and an F-DISC (discipline) in the course plus a suspension from the Faculty of Arts for a period of one year. The F grade and disciplinary notation appears on the student's transcript. For repeat violations, the penalty may include suspension from the Faculty of Arts for a period of up to 5 years.

Additional Information

Your rights and responsibilities:

As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections *University Policies and Procedures* and *General Academic Regulations*.

While all of the information contained in these two sections is important, the following information is highlighted.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html

  Student Discipline
  http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html
  and,

  Violent or Threatening Behaviour
  http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience **Sexual Assault** or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The **Sexual Assault** policy may be found at: http://umanitoba.ca/admin/governance/governing_documents/community/230.html More information and resources can be found by reviewing the Sexual Assault site http://umanitoba.ca/student/sexual-assault/

- For information about rights and responsibilities regarding **Intellectual Property** view the policy http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/

Contact an **Academic Advisor** within our the faculty for questions about your academic program and regulations http://umanitoba.ca/academic-advisors/

Student Advocacy
Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.
http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca

Students Accessibility Services

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

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Student_accessibility@umanitoba.ca