

Probability and Statistics I

SS 2857A, Sections 001 & 003

Fall 2017 - Course Outline

Tutorial TA office hours: Tuesdays 4:30-5:30pm in MC 275

Tutorial TA e-mail: cwalto4@uwo.ca

Course Information

Course Description

Probability axioms, conditional probability, Bayes' theorem. Random variables motivated by real data

and examples. Parametric univariate models as data reduction and description strategies.

Multivariate

distributions, expectation and variance. Likelihood function will be defined and exploited as a means

The former Statistical Sciences 2657A. The former Statistical Sciences 2657A

Pre, Co-requisites Warning

Unless you have either the requisites for this course or written special permission from your Dean to enroll

in it, you may be removed from this course and it will be deleted from your record. You can be deregistered

at any time even after writing the final exam

The course notes, the textbooks, and the assignments will give you plenty of problems to practice on.

Course Objectives

Midterms or Test

There will be a midterm test in week 6 on October 25-th.

Section 001: 4:30-6:30pm in TC 141.

Section 003: 4:30-6:30pm in SSC 2036

Final Exam

The Final Exam is on December 15, 2017 9:00-11:00am. Make sure you go to your correct room:

Section 001:

EC 2130 ABOU--BHAS;

EC 2155 BONV--MCGR;

EC2168A/B MCKE--ZHU.

Section 003:

EC2168A/B ARDE-ZHU.

The final exam will be during the regular exam period in December; it will cover all course material.

Evaluation

Marks will be based on 20% for quizzes, 30% for the midterm test, and 50% for final exam. The best four out of the five quizzes will be counted.

Computing and/or Calculator Requirement

A non-programmable calculator may be used on the quizzes, tests and exams.

Department Policy on Missed Course Requirements

If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to your Dean's office as soon as possible, and contact your instructor immediately. If accommodation is approved by your Dean's office, your instructor will be notified, then it is your responsibility to make alternative arrangements with your instructor. In the event of a missed final exam, a "Recommendation of Special Examination" form must be obtained

from the Dean's Office immediately. For further information please see:

http://www.stats.uwo.ca/accommodation_medical.pdf.

A student requiring academic accommodation due to illness, should use the Student Medical Certificate

when visiting an off-campus medical facility. The form can be found at:

<http://www.stats.uwo.ca/medicalform.pdf>.

Or, request a Record's Release Form (located in the Dean's Office) for visits to Student Health Services.

Missed Midterm or Quiz: The policy of the department of Statistical and Actuarial Sciences is that there

will be no make-up exams or quizzes for a missed midterm or a quiz. For those that do legitimately miss a

midterm or a quiz and provide the required supporting documentation, the standard practice will

be that the weight of the midterm or the quiz will be reassigned to the final exam. If your reason is not deemed valid, then you will receive a mark of 0.

Student Health and Wellness: As part of a successful student experience at Western, we encourage students to make their health and wellness a priority. Western provides several on campus health-related services to help you achieve optimum health and engage in healthy living while pursuing your degree. For example, to support physical activity, all students, as part of their registration, receive membership in Western's Campus Recreation Centre. Numerous cultural events are offered throughout the year. Please check out the Faculty of Music web page <http://www.music.uwo.ca/>, and our own McIntosh Gallery <http://www.mcintoshgallery.ca>. Information regarding health- and wellness-related services available to students may be found at <http://www.health.uwo.ca/>. Students seeking help regarding mental health concerns are advised to speak to someone they feel comfortable confiding in, such as their faculty supervisor, their program director (graduate chair), or other relevant administrators in their unit. Campus mental health resources may be found at http://www.health.uwo.ca/mental_health/resources.html. To help you learn more about mental health, Western has developed an interactive mental health learning module, found here: http://www.health.uwo.ca/mental_health/module.html. This module is 30 minutes in length and provides participants with a basic understanding of mental health issues and of available campus and community resources. Topics include stress, anxiety, depression, suicide and eating disorders. After successful completion of the module, participants receive a certificate confirming their participation.

Email Communication

E-mail can be an efficient and effective way to communicate with your Professor, but it should be used very rarely, only to provide us with information or to ask a question that requires a very brief response. I do not wish to see emails that ask "What did I miss in class today?". For more lengthy

discussions, you should raise questions after class or during office hours, or make a separate appointment if necessary.

Please remember that I will only read e-

[The course notes](#)

[Formula Sheets for the final exam](#)

Tutorial TA office hours: Thursdays 3:00-4:00 in WSC 250

Tutorial TA e-mail: dbecker7@uwo.ca

More Help

Another TA: Marian Draghic

Office hours: Thursdays 1:30-2:30pm in WSC 230

STAT Help Centre: 10:30am-15:30pm, Monday -- Friday, in MC 15B