

**University of Western Ontario
Department of Mathematics
Mathematics 1228B
Methods of Finite Mathematics**

June-July 2017

INSTRUCTOR: Dr. Hassanzadeh

Office: MC 127

Extension: 81288

Office Hours: Tuesday/Thursday 6:00-7:00 PM

Email: mhasa6@uwo.ca

CLASS SCHEDULE: Tuesday & Thursday 7:00-9:30 p.m. at SSC 3022.

First class: Tuesday June 20, Last class Thursday July 27.

Note: Any email sent to the instructor **MUST say Math 1228B in the subject line.**

TEXTBOOK:

Finite Mathematics with Applications, Third Edition by R.G. Biggs and J.T. Moore, published by New Image Publishing Co., ISBN: 88000055455.

PREREQUISITES:

One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 0110A/B, 1225A/B, 1229A/B.

ANTIREQUISITES:

Mathematics 2124A/B, 2155F/G, the former 2155A/B, Statistical Sciences 2035, 2141A/B, 2857A/B, the former 2657A.

EVALUATION OF STUDENT PERFORMANCE:

Students will be assessed on the basis of three components: two Midterms and a Final Exam.

Midterm 1, Tuesday July 4, from 7:00 to 8:30 in class. 25%

Midterm 2, Thursday July 20 from 7:00 to 8:30 in class. 25%

Final Exam, Tuesday August 1 50%

The final mark for the course will be the best of the calculated mark $25\%+25\%+50\%$ and Final exam out of 100%. The Final Exam will be 3 hours in length, covering all of the course material. This exam will be scheduled by the Registrar's Office during the Summer Evening Exam Period.

Notes: NO calculators or other electronic devices or any other aids are allowed on tests and exams.

Homework: Weekly recommended Homework is posted on the course website. They will not be collected and not marked. However it is important to do the them to be familiar with the course materials.

Help Centers: There are weekly help centers which help students to answer their questions. They are every Tuesday and Thursday from 4:00 to 6:00 PM at MC 108. These help centers starts from June 27 and ends on Thursday July 27.

COURSE OUTLINE:

Topics covered include techniques of counting, probability, discrete and continuous random variables. Students are expected to demonstrate an understanding of these concepts and an ability to apply them in solving a variety of problems.

COURSE WEB SITE:

Besides Homework and some class notes, various useful supplemental materials such as practice tests, lecture notes, and solutions to the homework, are posted on the OWL web site. Important information will be posted as announcements. All students are expected to be aware of information, and make use of materials, posted on the course web site.

WHAT IS EXPECTED OF THE STUDENT?

Students are recommended to attend all classes, make a serious effort to understand all course material, and do all the suggested homework. The student must assume responsibility for any missed classes. It is up to the student to seek out help when needed. The student is responsible for being aware of **all** relevant information posted on the OWL web site.

Please contact your course instructor if you require material in an alternate format or if any other arrangements can make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111 x82147 for any specific question regarding an accommodation.

SENATE POLICY ON PREREQUISITES:

Prerequisite checking is the **student's responsibility**. Unless you have either the prerequisites 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. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

STATEMENT ON ACADEMIC OFFENCES:

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

ABSENCE / MISSED WORK:

There will be no makeup tests for midterms. The weight of the missed midterm, with legitimate reasons, will be transferred to the final exam. In this case students should contact the instructor immediately.

Make up for Final Exam: If you are unable to make the final exam 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**. It is the student's responsibility to make alternative arrangements with his or her instructor once the accommodation has been approved and the instructor has been informed. 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 concerning UWO's Policy on Accommodation for Medical Illness please refer to this policy at: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_medical.pdf

A student requiring academic accommodation due to illness should use the Student Medical Certificate when visiting an off-campus medical facility or request a Record's Release Form (located in the Dean's Office) for visits to Student Health Services. The form can be found here: https://studentservices.uwo.ca/secure/medical_document.pdf

Only students with prior permission from their instructor will be allowed to write the makeup for the final exam. Only students with a Recommendation for Special Exam from their Dean's Office will be allowed to write a makeup for the Final Exam. Any student who misses a portion of the Class Work component of the grade for any legitimate reason should contact your instructor as soon as possible. Supporting documentation may be required. In the case of missed Class Work, or if a student is unable to write the scheduled makeup for a Test due to a documented prolonged or recurring absence or other legitimate conflict, your instructor will decide whether to accommodate by rescheduling or by reweighting that component of the grade.

SUPPORT SERVICES

Office of the Registrar

UWO www.registrar.uwo.ca

Brescia www.brescia.uwo.ca/academics/registrar-services

Huron www.huronuc.on.ca/CurrentStudents/StudentLifeandSupportServices/AcademicResources

King's www.kings.uwo.ca/academics/academic-deans-office/

Student Development Services www.sdc.uwo.ca

Learning Skills Services www.sdc.uwo.ca/learning

USC <http://westernusc.ca/services/>

Academic Calendar www.westerncalendar.uwo.ca

ITS www.uwo.ca/its/helpdesk