

**MATH 1229B – METHODS OF MATRIX ALGEBRA
WINTER 2018/2019**

Instructor.

Matthias Franz
Associate Professor
Office: MC 103D
E-mail: mfranz att uwo dott ca

Office hours.

TBA

Textbook.

Custom edition of Elementary Linear Algebra by S. Venit, W. Bishop and J. Brown, Nelson
You will also need a WebAssign code.

Prerequisites.

One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent

Antirequisites.

Applied Mathematics 1411A/B, 2811B, Mathematics 1600A/B, 2120A/B, 2155F/G, 2211A/B, the former 2155A/B

Course Description.

Matrix algebra including vectors and matrices, linear equations, determinants.
This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Science modules.

OWL.

Various supplementary materials, such as videos, practice tests and solutions, are posted on the course OWL web site. In addition, there are forums on which students may post questions. Important information will also be posted on OWL. All students are expected to be aware of the information, and make use of materials, posted on the course web site. This section uses the online quizzes as the class work component of the grade.

What is expected of the student.

Students should read the textbook and the lecture notes, watch the videos and make a serious effort to understand all course materials and do all the assigned homework. 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.

Evaluation of Student Performance.

Quizzes. There will be online quizzes, approximately one per week. They are worth 25% of the final grade.

Midterm Examination. One midterm exam, worth 25% of the final grade. It will be a mix of multiple choice and written answers.

Date: Saturday, February 9, afternoon. Details TBA

Final Examination. The final exam will be 3 hours long and account for 50% of the final grade. It will be a mix of multiple choice and written answers.

Date: TBA (scheduled by the Registrar's Office)

Electronic devices. No electronic devices will be allowed during tests and exams.

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.

Senate policy 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 Computermarked 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. 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. 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

A makeup will be held for each term test as well as for the final exam. Only students with prior permission from their instructor will be allowed to write the makeup for a test. 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 Term 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. Registrarial Services: <http://www.registrar.uwo.ca>
Services provided by the USC: <http://westernusc.ca/services/>
Student Development Center: http://www.registrar.uwo.ca/general-information/organizational_units/student_experience/student_development_centre/

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 x 82147 for any specific question regarding an accommodation.

Students who are in emotional/mental distress should refer to Mental Health@Western <http://www.uwo.ca/uwocom/mentalhealth/> for a complete list of options about how to obtain help.