

**Instructor:** William Grafton (w.grafton@uwinnipeg.ca), office: 4CM46A, ph: 786-9464, office hours: MWF 10:30 AM - 11:30 AM or by appointment.

**Textbook:** *Elementary Linear Algebra 7th ed.*, by Ron Larson.

**Course Webpage:** On NEXUS. You will need your University of Winnipeg username and ID to access this webpage.

**Outline:** Time permitting the course will cover

Sections 1.1-1.2, Systems of Linear Equations.

Sections 2.1-2.4, Matrices.

Sections 3.1-3.4, Determinants.

Lines and planes: Supplement by Venit, Bishop, and Brown

Sections 8.1-8.3 (online), Complex numbers.

Chapters are required reading!

**Summary list of topics:** Systems of linear equations, matrices, matrix products, inverses, elementary matrices, determinants, dot and cross product with applications, complex numbers.

**Grading:**

Assignments: 10% (done online on WebAssign)

Midterm Tests: 40% (18/10/2017 and 22/11/2017)

Final Exam: 50% (date and time TBD)

The letter grade scale is A+(93-100), A(85-92), A-(80-84), B+(75-79), B(69-74), C+(63-68), C(56-62), D(50-55), F(0-49). Final grades are approved by the Department Review Committee and may be subject to change.

**Rules for Tests and Exams:**

Cell phones must be turned off during class and **NO** electronic devices are permitted during tests/exams. Be ready to show ID during tests/exams. Students who are unable to provide identification during a test will have one day to produce it. Tests will not be graded until assurance of identity is made.

A student who is unable to write a test(s) due to a time conflict with another UWinnipeg class/lab must contact the instructor to arrange for a time to write the test(s). In this case the student may be asked for a copy of their UW timetable.

**Department Deferral Policy:** A student may ask for a deferred final exam on documented medical/compassionate grounds. It is department policy that the instructor not grant such a request based on the student's vacation plans. Notwithstanding this departmental policy, the student has the right to formally petition the Senate Student Appeals Committee for a deferred exam. The student must consult an Academic Advisor before filing a formal appeal.

**WebAssign:**

We will be using the Enhanced WebAssign (EWA) online homework system. Your access code was included in the bundle with the book sold in the bookstore. Please bookmark the following website: <https://www.webassign.net> You can register as follows: Click the button "Enter Class Key". Enter the class key **uwinnipeg.ca 7403 7986** and follow the instructions. If you have technical difficulties with EWA, call their toll-free number for help: 1-800-955-8275.

**Important Dates:**

Sep 6 First lecture in this course  
Nov 10 **Voluntary Withdrawal Date**  
(Note: withdrawal prior to VW date does not guarantee a fee refund.)  
Oct 8-14 READING WEEK (no classes).  
Oct 9 Thanksgiving Day (university closed)  
Nov 11 Remembrance Day (university closed)  
Dec 4 Last lecture in this course

**Preferred Email:**

It is preferred that your uwinnipeg.ca email account is used for all course-related communication. It is a good idea to check your email regularly. Please do **NOT** use NEXUS for this purpose.

**Accessibility Services:**

Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., access to volunteer note-takers) are encouraged to contact Accessibility Services (AS) by phone at 786-9771, or by email via [accessibilityservices@uwinnipeg.ca](mailto:accessibilityservices@uwinnipeg.ca) to discuss appropriate options. Specific information about AS is online at <http://www.uwinnipeg.ca/accessibility>. All information about a student's disability or medical condition remains confidential.

**Academic Regulations and Policies:**

You are responsible for knowing the Academic Regulations and Policies of the University of Winnipeg, including policies on Senate appeals and academic misconduct within sections 8 and 9 of the UWinnipeg online calendar:  
<http://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf>

**Respectful Environment:**

All students, faculty and staff have the right to participate, learn, and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy is at [www.uwinnipeg.ca/respect](http://www.uwinnipeg.ca/respect)

**Religious Holidays:**

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work examinations without penalty. A list of religious holidays is in the 2017-18 Undergraduate Academic Calendar is at  
<http://www.uwinnipeg.ca/academics/calendar/docs/important-notes.pdf>