

Section	Time	Location	Instructor	Office	Phone	Email
Lec 001	1:30 MWF	MC 2065	Wolkowicz, Henry	MC 6065	x5589	hwolkowicz

**Prerequisites:** MATH 135 or MATH 145

**Text Book:** *Linear Algebra and its Applications (3rd edition)*, by David C. Lay.  
This is available at the bookstore.

**Website:** [www.student.math.uwaterloo.ca/~math136/](http://www.student.math.uwaterloo.ca/~math136/)

**Calculators:** Only the calculators provided by the Faculty with the pink tie sticker will be allowed on the midterms and final exam.

**Grades:** Final Exam: 68%; Midterm Test: 16%; Assignments 12%; Labs 4%.

**Tutorials:** TUT 101: Monday 3:30-4:20pm MC 1085

The tutorials which will be every Monday starting on Sept. 19th (except Thanksgiving Day), will be interactive problem solving sessions.

**Assignments:** There will be nine assignments to be handed in. These are to be handed in on the designated Thursday by 1pm into the drop boxes outside the Tutorial Center. Late assignments will not be graded. The assignments and their solutions will be posted on the course website. Use Drop Box 4 with slot 10 for A to J; slot 11 for K to S; slot 12 for T to Z.

**Labs:** MATH 136 has a lab component, where you will learn to use MATLAB. The MATLAB component of the course is separate from, but complementary to, the lecture component. You have been scheduled into one introductory lab slot. It is important that you attend this session to learn the basics of MATLAB. There will be two labs to be handed in which you will be expected to complete on your own time. The due dates are given below. You will not be tested on the MATLAB component of the course.

**Midterm Exam:**

Monday Oct 17th, 7 - 9 pm, will cover material from weeks 1-4 (assignments 1-4).

**Final Exam:** There will be a 2.5 hour exam during the examination period. The final exam will cover material from the entire course.

**Academic Offenses:** Students are expected to know what constitutes academic integrity, to avoid committing academic offenses, and to take responsibility for their actions. Students who are unsure whether an action constitutes an offense, or who need help in learning how to avoid offenses (e.g. plagiarism, cheating) or about rules for group work/collaboration should seek guidance from the course professor, TA, academic advisor, or the Undergraduate Associate Dean. For information on categories of offenses and types of penalties, students should refer to Policy #71, Student Academic Discipline, [www.adm.uwaterloo.ca/infosec/Policies/policy71.htm](http://www.adm.uwaterloo.ca/infosec/Policies/policy71.htm). Students who believe that they have been wrongfully or unjustly penalized have the right to grieve; refer to Policy #70 Student Grievance, [www.adm.uwaterloo.ca/infosec/Policies/policy70.htm](http://www.adm.uwaterloo.ca/infosec/Policies/policy70.htm).

**Note for students with disabilities:** The Office for Persons with Disabilities (OPD), located in Needles Hall 1132, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with OPD at the beginning of each academic term.

### Course Schedule:

Week	Dates	Sections	Assignments, Labs, Tests
1	Sept 12, 14, 16	1.1, 1.2	
2	Sept 19, 21, 23	1.3, 1.4	Assignment 1 due Sept 22
3	Sept 26, 28, 30	1.5	Assignment 2 due Sept 29
4	Oct 3, 5, 7	1.7	Assignment 3 due Oct 6
5	Oct 12, 14	2.1, 2.2	Assignment 4 due Oct 13
6	Oct 17, 19, 21	2.3, 2.4, 2.5	Midterm Oct 17
7	Oct 24, 26, 28	4.1	Assignment 5 due Oct 27
8	Oct 31, Nov 2, 4	4.2, 1.8	Lab I due Nov 4
9	Nov 7, 9, 11	1.9	Assignment 6 due Nov 10
10	Nov 14, 16, 18	4.3	Assignment 7 due Nov 17
11	Nov 21, 23, 25	4.4, 4.5	Assignment 8 due Nov 24 Lab II due Nov 25
12	Nov 28, 30, Dec 2	4.6, 4.7, 6.2	Assignment 9 due Dec 1
13	Dec 5	6.1	