

**MATHEMATICS 211      LINEAR METHODS I      FALL 2010**

**LECTURE 03      TR 11:00-12:15      ST 141**

**TEXT:** *Linear Algebra with Applications, 6 Ed.* by W. Keith Nicholson, McGraw-Hill Ryerson, 2009.

**GRADING:** The final grade will be based on the following components:

**Assignments:** 20%                      **Midterm Exam:** 30%;                      **Final Exam :** 50%

**ASSIGNMENTS:** These are computer assignments, **worth 20% of the final grade.**

Go to: <http://webwork.ucalgary.ca>. Click on MATH 211 L03 (Nicholson)

Normally you: Log in to Webwork (the IT username and password are obtained in “Getting Started”).

Download and print out an assignment, complete it, and submit solutions online.

Your IT username is the first part of your @ucalgary.ca email address.

Note: The IT username is **not** your eID (typically used to access my.ucalgary.ca).

Assignments are graded on the computer, and multiple attempts are allowed.

The **maximum final grade** is 20 marks, but there are 221 problems worth  $\frac{1}{10}$  of a mark each.

**Beware:** Each Assignment has an Open Date and a Due Date (listed in the Schedule below).

The Webwork package also includes an Introduction, and a High School Review (not for credit).

**MIDTERM EXAM:**      **Thursday, October 28.      75 minutes, in class.**

**Worth 30% of the final grade.      Calculators are not allowed.**

**FINAL EXAM:**      **Scheduled by the Registrar, 3-hour test.**

**Worth 50% of the final grade.      Calculators are not allowed.**

**TUTORIALS:** You have been assigned to labs. There will be teaching assistants in the room to answer any questions you may have about exercises, theory in the course, and the software.

**CONTINUOUS TUTORIAL:** Held in **MS 569** at the following times:

**Mon. & Wed. 13:00 to 15:00;      Tue. 12:00 to 16:00;      Thur. 12:00 to 14:00**

There will be teaching assistants there to answer questions about the course.

**LECTURE SCHEDULE:** Here is an approximate outline of the contents of the course.

WEEK	MATERIAL	COMMENTS
Sep 13-17	1.1, 1.2, 1.2	Our lectures begin Tuesday, Sept 14.
Sep 20-24	1.3, 2.1, 2.2	
Sep 27-Oct 1	2.2, 2.2, 2.3	Assignment 1, Due Wed Sep 29 at 11:00pm
Oct 4-8	2.3, 2.4, 2.4	Assignment 2, Due Wed Oct 6 at 11:00pm
Oct 11-15	2.4, 2.5, 2.5	Assignment 3, Due Wed Oct 13 at 11:00pm Thanksgiving: Monday, Oct 11.
Oct 18-22	2.6, 2.6, 2.9	Assignment 4, Due Wed Oct 20 at 11:00pm
Oct 25-29	3.1, 3.1	<b>Midterm:</b> Thursday, Oct 28; <b>In Class.</b>
Nov 1-5	3.2, 3.2, 3.3	Assignment 5, Due Wed Nov 3 at 11:00pm
Nov 8-12	3.3, 3.3	Reading Days: Nov 11–13. No lecture Nov 11. Assignment 6, Due Wed Nov 10 at 11:00pm
Nov 15-19	3.4, A.1, A.1	Assignment 7, Due Wed Nov 17 at 11:00pm
Nov 22-26	4.1, 4.1, 4.1/4.2	Assignment 8, Due Wed Nov 24 at 11:00pm
Nov 29-Dec 3	4.2, 4.2, 4.2	Assignment 9, Due Wed Dec 1 at 11:00pm
Dec 6-10	4.3, 4.4, Review	Lectures end Friday, December 10 Assignment 10, Due Wed Dec 8 at 11:00pm
Dec 13-22		Final Examinations.