UNIVERSITY OF CALGARY
DEPARTMENT OF MATHEMATICS AND STATISTICS
COURSE OUTLINE

1. **Course:** MATH 211 Linear Methods I

    L01 MWF 15:00 – 15:50 CHC 105 J. Sniatycki Office MS 320 Tel. No 220-3957 e-mail sniatyck@ucalgary.ca Office Hours: Thursday 13:00-13:50 in MS320

    L02 TR 9:30 – 10:45 EDC 179 K. Nicholson Office MS314 Tel. No 220-3954 e-mail wknichol@ucalgary.ca Office Hours: Tuesday 14:30-16:30 in MS314.

    L03 TR 14:00 – 15:15 EDC 179 R. Woodrow Office MS 560 Tel. No 220-6325 e-mail woodrow@ucalgary.ca Office Hours: Tuesday Wednesday and Thursday 11:30-12:30 in MS560

    L04 MWF 9:00 – 9:50 MFH 162 G. Gour Office MS 436 Tel. No 220-3939 e-mail gour@ucalgary.ca Office Hours: Monday 10:00-11:30 in MS436

    L05 MWF 9:00 – 9:50 MFH 162 G. Gour Office MS 436 Tel. No 220-3939 e-mail gour@ucalgary.ca Office Hours: Monday 10:00-11:30 in MS436

    L06 MWF 10:00 – 10:50 ENE 243 D. Roe Office MS 457 Tel. No 210-7241 e-mail roed.math@gmail.com Office Hours: Monday 12:00-14:00 and Wednesday 11:00-12:00 in MS452

    L07 MWF 11:00 – 11:50 SA 106 R. Trelford Office MS 490 Tel. No 220-3677 e-mail rgtrelfo@math.ucalgary.ca Office Hours: Monday 12:00 – 13:00 & Thursday 14:00 – 15:00

    L08 TR 11:00 – 12:15 ENE 241 J. Jasinski Office MS 564 Tel. No 220-3936 e-mail jjasinsk@ucalgary.ca Office Hours: Tuesday 13:00-15:00 in MS564

    Look for course information on Blackboard MATH 211

    Department of Mathematics and Statistics – MS476 Telephone number – 403-220-5210

2. **Prerequisites:** A grade of 70 per cent or higher in Mathematics 30-1 or Pure Mathematics 30. (Alternatives are presented in C.1 Mathematics Diagnostic Test in the Academic Regulations section of the Calendar).
    Antirequisite(s): Credit for Mathematics 211 and either 213 or 221 will not be allowed.
    URL: http://www.ucalgary.ca/pubs/calendar/current/mathematics.html

3. **Grading:** The University policy on grading and related matters is described sections F.1 and F.2 of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Assignments (10)	10%	
Midterm test (2)	50%	(Oct 8 & Nov 18 19:00 – 21:00)
Final Examination	40%	(To be scheduled by the Registrar)

    A passing grade on the final is required for a student to pass the course.

    Each piece of work (assignment, midterm tests or final examination submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the

course letter grade [bearing in mind that an F grade will result if the student does not pass the final exam], The conversion between the course percentage x and the letter grade is given below:

Letter Grade Conversions	
Letter Grade	**% range**
A+	$x>95$
A	$88<x\leq95$
A-	$84<x\leq88$
B+	$80<x\leq84$
B	$76<x\leq80$
B-	$72<x\leq76$
C+	$68<x\leq72$
C	$64<x\leq68$
C-	$60<x\leq64$
D+	$55<x\leq60$
D	$50\leq x\leq55$
F	$x<50$

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in Section 3.6. It is the student's responsibility to familiarize himself/herself with these regulations. See also Section E.6 of the University Calendar

5. **Scheduled out-of-class activities:**
   Midterm test 1—October 8, 2013 19:00-21:00
   Midterm test 2 November 18, 2013 19:00-21:00

   REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY. If you have a clash with this out-of-class-time-activity, please inform your instructor as soon as possible so that alternative arrangements may be made for you.

6. **Course Materials:** – *sold in the University Bookstore.*
   In Hardback Linear Algebra with Applications, sixth edition or seventh edition by W. Keith Nicholson
   OR Custom Publication for the University of Calgary: Math 211 Nicholson: Linear Algebra with Applications by W. Keith Nicholson —sixth edition or seventh edition.

   Online Course Components: Lyryx Learning (assignments)
   We will be using the Lyryx system for homework purposes, offering formative online assessment in an effort to support student learning.
   The student license is normally $39.95+GST payable upon registration on the Lyryx system.
   As a pilot this fall, Lyryx is offering students access to their Lyryx online homework at no cost when using University computers in the MS 317, 515, 521, & 571 and the AFC computers labs. The availability schedule will be distributed, and more labs may open during the semester.
   The normal license fee will continue to be charged only to students who chose to be able to access their Lyryx account from off campus.
   Lyryx will also make an (optional) open text available which can be freely distributed to students.

7. **Examination Policy**: The use of calculators and/or portable computing devices will not be allowed on examinations. Students should also read the Calendar, Section G, on Examinations.

8. **Human studies statement:** indicating whether students in the course may be expected to participate as subjects or researchers. See also Section E.5 of the University Calendar.

   MATH211 will be using the Lyryx formative online system for homework purposes as part of a pilot this fall. We would like to measure its effectiveness, in particular investigating the correlation between work on Lyryx and mid-term test and final exam performance. The study is being submitted for ethical clearance. Appropriate   consent   for   use   of   the   data   from   class   records   will   be   obtained.

9. OTHER IMPORTANT INFORMATION FOR STUDENTS:

(a) Academic Misconduct: (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under Section K. Student Misconduct to inform yourself of definitions, processes and penalties

(b) Assembly Points: In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on assembly points.

(c) Academic Accommodation Policy: Students with documentable disabilities are referred to the following links: Calendar entry on students with disabilities and Student Accessibility Services. MSC452 Phone: 220-8237

(d) Safewalk: Campus Security will escort individuals day or night (http://www.ucalgary.ca/security/safewalk/). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.

(e) Freedom of Information and Privacy: This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also http://www.ucalgary.ca/secretariat/privacy.

(f) Student Union Information: VP Academic Phone: 220-3911 Email: suvpaca@ucalgary.ca
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca
Student Ombudsman Phone: 220-6420 Email: ombuds@ucalgary.ca

(g) Internet and Electronic Device Information: You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.