DEPARTMENT OF MATHEMATICS AND STATISTICS

COURSE OUTLINE

Course: Math 211 – Linear Methods   **Dates**: May 15, 2017 – June 30, 2017

1.

Lec	Day	TIme	Location	Instructor	Office	Phone	Email	Office Hours
L01	MW	18:00-20:45	SB 103	Keivan Hassani Monfared	MS 584	220-3962	keivan.hassanimonfar@ucalgary.ca	MW 5-6pm, or By Appointment

Desire 2 Learn (D2L) course name: Math 211 L01 - (Spring 2017) – Linear MethodsI I

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 (6)	12%
Quizzes (6)	8%
Midterm test (1)	30% (Tuesday June 6, 6:00-9:00pm)
Final Examination	50% (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, quiz, 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+	>95
A	>88
A-	>84
B+	>80
B	>76
B-	>72
C+	>68
C	>64

C-	>60
D+	>55
D	>50
F	<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. In the unlikely event of a health problem, the Physician/Counsellor Statement Form must be accompanied by either "Application for Deferred Final Examinations" or an "Application for Deferment of Term Work" in order to gain approval for such request. For all other missed term work such as quizzes, assignments or midterms, the Physician/Counsellor Form must be handed directly to your course instructor for approval.

5. **Scheduled out-of-class activities**: Dates and times of approved class activities held outside of class hours.

   Midterm — Tuesday June 6, 6:00-9:00pm in the Lab

   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**:

   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.
   Lyryx is offering students access to their Lyryx online homework at no cost when using University computers, including in MS317, 515, 521, & 571, AFC, TFDL and ES160 computers labs. The normal license fee will continue to be charged to students who chose to access Lyryx from off campus or other locations.

   Texts:
   Recommended: A (free) open text in electronic format is available in your Lyryx account. It can be freely downloaded, annotated, distributed and printed.
   Optional: Strang, Gilbert. Introduction to Linear Algebra. 4th ed. Wellesley, MA: Wellesley-Cambridge Press, February 2009. ISBN: 9780980232714.
   Optional: Linear Algebra with Applications, sixth edition or seventh edition by W. Keith Nicholson, any format. Sold in the University Bookstore

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. **Approved Mandatory and Optional Course Supplemental Fees**: A list and description of approved optional and mandatory course fees.

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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 an 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. Students needing an Accommodation in relation to their coursework or to fulfill requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the Associate Head of Mathematics and Statistics, Jim Stallard, by email at jbstall@ucalgary.ca or by phone at 403-220-3953.

(d) **Safewalk:** Campus Security will escort individuals day or night (http://www.ucalgary.ca/security/safewalk/). Call 403-220-5333 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@ucagary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; Student Ombudsman

(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.

(h) At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.