

Faculty of Science  
DEPARTMENT OF MATHEMATICS and STATISTICS  
Course Information Sheet

1. Course: MATH 221 – Linear Algebra for Scientists & Engineers FALL 2003  
Lecture/Time/Session: L01 and L09 TR 15:30 (Duration: 75 minutes) Room: ST 141  
Instructor(s): D. Oliveros-Braniff  
Office: MS 390 Phone: 220-6775
2. Prerequisite(s): A grade of 70% or higher in Mathematics 30 or Pure Mathematics 30.  
Co-requisite(s): None  
**Note:** The Faculty of Science policy on pre- or co-requisite checking is outlined on page 198, of the 2003-2004 Calendar. It is a student's responsibility to ensure that they have the pre- and/or co-requisites for the course, and if they do not they will be withdrawn from the course without further notice.
3. **Fee Policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.
4. **The University policy on grading and related matters** is described on pages 41-42 of the 2003-2004 Calendar. In determining the overall grade in the course, the following weights will be used:

Mid-term Test(s)	[1]	30%
Quizzes	[Best 4 of 5]	20%
Final Exam		50%

There will be a final examination scheduled by the Registrar's Office. The use of aids such as open book, etc. is not permitted.

5. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined on page 199, of the 2003-2004 Calendar. It is the student's responsibility to familiarize herself/himself with these regulations.
6. **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 2003-2004 University Calendar under the heading "Student Misconduct", pages 53-56.
7. **Dates and times of class exercises held outside of class hours** (evening test, Saturday laboratory examinations, week end field trips, etc.): None
8. **TEXT:** *Elementary Linear Algebra* 8ed., by H. Anton, Wiley, 2000. This is available in the University Bookstore.
9. **OPTIONAL MATERIALS:** Math 211 Problem Book; MATH 211 Exam Book. These will be available from the undergraduate mathematics society ('SCUM'), MS 337A.

- 10. QUIZZES:** There are five 30-minute quizzes which will be given in your lab. **No make-up quizzes will be given. The best 4 of 5 quiz scores will be used for 20% of the final grade in the course.**
- 11. MIDTERM:** This is a 50 minute written examination held in the lecture period on **THURSDAY, November 6**. This midterm is worth 30% of the final grade on the course.
- 12. FINAL EXAMINATION:** This will be a 3-hour test worth 50% of the final grade, scheduled by the Registrar.

**LECTURE SCHEDULE:**

	T	R	MATERIAL	EXAMINATION
September	9	11	1.1,1.2	
	16	18	1.3,1.4	Quiz 1 (In lab)
	23	25	1.4,1.5,	
	30		1.6	
October		2	1.7	Quiz 2 (In lab)
	7	9	2.1,2.2,	
	14	16	2.3,2.4	Quiz 3 (In lab)
	21	23	3.1,3.2	
	28	30	3.3,3.4	
November	4	6	3.4,3.5	Mid-Term (November 6) In Class
	11	13	4.1,4.2	November 11 No Lecture (Reading day)
	18	20	10.1,10.2	Quiz4 (In lab)
	25	27	10.3,10.4	
December	2	4	10.4, Review.	Quiz 5 (In lab)