

**LINEAR ALGEBRA:  
MATH 413-513: SECTION 001  
SYLLABUS**

SPRING 2014

<b>Instructor:</b>	<b>Office:</b>	<b>Office Hours:</b>	<b>Phone:</b>
Robert Sims	Math 610	M 3:00 - 4:00 PM W 3:00 - 4:00 PM	626-1990

My e-mail address is: rsims@math.arizona.edu

**1. Textbook:**

The textbook for this course is:

*Linear Algebra as an introduction to abstract mathematics* by Isaiah Lankham, Bruno Nachtergaele, and Anne Schilling.

It is available online at:

[http://www.math.ucdavis.edu/~anne/mat67\\_course\\_notes.pdf](http://www.math.ucdavis.edu/~anne/mat67_course_notes.pdf)

**2. Material to be Covered:**

My goal is to cover as much of Chapters 1 -11 as possible. We will see what happens . . .

**3. Grading Policy:**

Your grade will consist of homework, two in-class exams, and a final.

<b>Item</b>	<b>Weight</b>
Homework	20%
Exam 1	20%
Exam 2	20%
Final Exam	40%

The grading scheme for 513 is identical, however, these students will have additional homework problems, as well as, take home portions of the exams.

#### 4. Attendance:

Attendance and class participation are mandatory. You are responsible for any information given in class or posted on the class homepage. Notify the instructor in advance if you must miss class, arrive late to class, or leave early from class. You are expected to behave in accordance with the UA Student Code of Conduct at <http://dos.web.arizona.edu/uapolicies>.

#### 5. Homework:

There will be several homework assignments given throughout the term. Your lowest homework score will be dropped when doing the final averaging. For this reason, I will not accept late homework. (Thus, the first is your drop grade and the second is a 0, etc.) There will be additional homework problems for students in 513.

#### 6. In-class exams:

There will be two in-class exams. The second exam will not be intentionally cumulative. Tentatively, I am scheduling these exams for Friday, February 21 and Friday, April 11. There will be additional, take-home, portions of the exams for students in 513.

#### 7. Final

The final exam will be cumulative. It is scheduled for Monday, May 12th from 1:00 to 3:00 pm.

#### 8. Important Information:

*Students with disabilities:* If you anticipate issues related to the format or requirements of this course, please meet with your instructor to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with Disability Resources (621-3268; [drc.arizona.edu](http://drc.arizona.edu)). You should notify your instructor of your eligibility for reasonable accommodations by Friday, January 24.

*Students withdrawing from the course:* If you withdraw from the course by February 11, the course will be deleted from your enrollment record. If you withdraw from the course by March 11, you will receive a grade of W. The University allows withdraws after March 11, but only with the Deans signature. Late withdraws will be dealt with on a case by case basis, and requests for late withdraw with a W without a valid reason may or may not be honored.

*Incompletes:* The grade of I will be awarded if all of the following conditions are met:

1. You have completed all but a small portion of the required work.
2. You have scored at least 50% on the work completed.
3. You have a valid reason for not completing the course on time.
4. You agree to make up the material in a short period of time.
5. You ask for the incomplete before grades are due, 48 hours after the final exam.