

**Math 314 – Spring 2006**  
**TR 11:00-12:15p – Room 19 Avery Hall**

**Instructor:** Janet Striuli  
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**Office Hours:** W 1:30-2:30p  
T 12:30-1:30p

**Convener:** Professor Sylvia Wiegand

**Course summary**

This course is both a careful introduction to linear algebra and a transition from a computational classes (like calculus) to more theoretical ones. You will need to understand definitions, theorems and proof of theorems. Sometimes you will be asked to give proof of theorems. When you present your solutions to problems particular attention will be given to the form of the presentation and the mathematical language you use. The material tends to be more mathematically subtle than that you probably encountered in your previous math courses, and consequently may require a greater effort.

**Expectations**

Read the textbook before lectures, take notes during lectures and do the homework afterward. Ask questions, which is the key of a good understanding.

**Grading**

There will be a total of 1000 points. The grades will be computed based on the total number of points distributed as indicated below. There will be no extra credit points.

Homework (average)	200 points
Quizzes (average)	150 points
In-class Exam 1	175 points
In-class Exam 2	175 points
Final Exam	300 points
Total	1000 points

## Homework

In the syllabus there is a list of suggested exercises: you should work all of them. In addition **every Tuesday** I will assign some problems and they will be collected for grading on **Tuesday** of the following week at the beginning of class.

**No late homework will be accepted.**

On the other hand I will not consider the two lowest grades of homework but I am not considering late homework.

**You can find the assigned problems on my web page.**

Homework is a major part of the learning process in Mathematics. It is essential that you work on the problems. Students are encouraged to work and discuss the problems in groups, but they should turn in individual solutions.

Students are held responsible for all material covered in class and for all assignments and announcements made in class.

Questions about homework are welcome before the due day.

## Quizzes

Every Thursday there will be a quiz.

**There will be no makeup quiz.**

On the other hand I will not consider the two lowest grades of your quizzes.

Sometimes the quiz is a take-home quiz. In this case you will work the problems at home. You will be allowed to use notes and books but you will not speak to anybody else but me about the quiz.

## Examinations

**1st INCLASS EXAM: February the 15th, class time**

**2nd INCLASS EXAM: April the 3rd, class time**

**FINAL EXAM: May the 2nd, 3:30-5:30 pm**

The final exam will cover all the material of the course.

All the exams are closed books and notes. If you have any problem with the schedule of the exams you should contact me immediately in the first days of class.

## Disclaimer

The instructor reserves the right to modify the schedules (e.g. office hours, dates of hours exams, etc) and procedures in this syllabus. Any such changes will be announced in class. It is the student's responsibility to keep informed of such changes.

## Note

Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact me personally as soon as possible.