

1. **Instructor Details:**

Instructor	Dr. Avinash Sathaye
Office:	703 POT (Phone 257-8832)
Office Hrs.	MWF 10:00-10:50 (Mathskeller or office) or by Appt.

2. **Course Web page:** www.msc.uky.edu/sohum (Follow the link to ma322). All current announcements, lecture notes and general information about course related activities will be posted on this web page. Be sure to check it often.

3. **Text:** *Linear Algebra and Its Applications (Fifth edition)*, Pearson by David Lay.

Earlier editions may be acceptable, since homework does not come directly from the book.

The course covers topics in: linear equations, matrix algebra, determinants, vector spaces, eigenvalues and eigenvectors, and orthogonality corresponding to selected sections in chapters 1-6.

I expect to cover the topics in a slightly different order than in the book. I also teach some special topics and techniques which are not found in the book. Be sure to read my lecture notes on the course web page and keep up.

4. **Class Plan.** A proposed timetable of various course activities is on the course web page. It is subject to change as needed.

5. **Homework:** We shall use Web based homework called weework. Some details of how to use it are in the course web page.

The homework is an integral part of the course and it is essential that it is done on time. **There is no way to make up homework once it expires.** The homework is posted even before the class discussions start and you must try to finish it at the earliest opportunity. Computer and Network problems arising in the last few hours before the deadline will not create a valid excuse for missed homework.

6. **Attendance Quizzes:** I typically give a very short quiz in class which also counts as a proof of attendance. Each quiz is worth 5 points, out of which 2 points are simply for submitting a properly signed paper and the remaining 3 points are for correct work.

The total grade contribution of these quizzes is 50 points (out of the total 400 points). I reserve the right to cancel a quiz on some days. If you have an excused absence, then you will be assigned a full grade on the missed quiz.

7. **Midterm Exams:** There will be **two midterm evening exams**. This may be replaced by in class exams in case there are too many problems in finding a common convenient time.

8. **Final Exam:**

Since it is very difficult to adjust the final exam times, I will give two separate exams as announced by the Registrar's time table. The dates are in the course plan.

General Exam policy: Calculators are permitted, however, any device capable of electronic communication such as a cell phone or computer must be turned off and put away out of sight during all examinations.

9. **Attendance:** I expect you to attend all classes. If you have a valid excuse, you should make a point of contacting me about it as soon as possible and you should make up all missed work.

I would also like to emphasize that you should try to participate actively in the class, even though it is a large class. If you are shy about asking questions in class, send me email or come to my office. I will try to answer all questions, directly to you or to the whole class, as needed.

10. **Grade:**

- 100 points per mid semester exam, 100 points for the final exam
- 50 points for attendance based on attendance quizzes.
- 50 points based on homework.
- The net grade will be based on a total of $(300+50+50)=400$ points.

Thus the final grade will use the scale:

400 *A* 360 *B* 320 *C* 280 *D* 240 *E*

Course Policy on Academic Accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center. Check the site: <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter> for further information.

Course Policy on Academic integrity:

Students may work together on homework, but should not submit solutions to WHS until they understand how to obtain the answer. All other course work on quizzes and exams must be the student's own work. Useful information about students' rights and responsibilities can be found at the following website: <http://www.uky.edu/Ombud> . You are advised to consult it as needed.