

## Math 130: Matrix Algebra – Administrative Information

### Introduction

*Matrix Algebra* is an introduction to the most useful topics and examples of *Linear Algebra*, which is more general and more abstract. Linear Algebra is based on the theory of linear algebraic equations, which serves as a tool for a number of other theories, especially that of ordinary differential equations.

### Course Structure

We will use a conventional lecture–discussion format, with a recitation on Thursdays. There will be daily homework, which will be graded and returned and possibly discussed at the recitation or in class; 4 tests, and a Final examination. Note: we cannot guarantee that your homework will be returned in time to study it for a test. We advise you to photocopy the last few assignments just before a test, before turning them in to the grader.

### Homework and Preparation

Homework should be begun promptly, in order for you to be ready for the next class. Help is available from your instructor between classes, and the tutor after hours.

### How your grade is computed

The semester score is a weighted average of items of evaluations as shown in the bar on the right. The grade cutoffs are also shown on the right.

### Attendance, Punctuality, Missed work and Tests

Please be punctual and stay for the entire class. The success of the class will be a group effort, and your absence will be missed.

If you must miss a day due to an unavoidable reason, you must obtain the notes from your fellow students and catch up. The instructor cannot conduct a private lesson for you.

Missed tests will not usually be made up. In exceptional circumstances, the instructor may offer an alternative means of making up the missed test, which may differ substantially from the original test taken by the class.

Extreme lateness is disrespectful to your classmates, and will not be tolerated. You will be assessed half an absence for extreme lateness. Total absences in excess of 15 hours will result in an immediate grade of F.

### Tutoring

We plan to make tutoring available to you. The hours will be announced.

### Handicapped and Learning Differenced Students

Students who have certified learning differences can obtain special arrangements with Mr Dan Hartsock's office, including special arrangements for test taking.

Instructor: S. S. de Silva  
 Office: Academic Center  
 D 312  
 Phone: 570.321.4285  
 Office Hrs: M, W, F 3:30–4:30p  
 Secretary: Ms Sheran Swank,  
 AC D 328B,  
 570.321.4009

### Course Calendar

Test 1: Jan 28  
 Test 2: Feb 18  
 Spring Break: Mar 2–6  
 Test 3: Mar 18  
 Test 4: Apr 8  
 Final: As published

### Grade Cutoffs

A	95% or better
B	85% or better
C	75% or better
D	65% or better

### Score weights

Test 1:	15%
Test 2:	15%
Test 3:	15%
Test 4:	15%
Participation, attendance, homework and recitation:	15%
Final Examination:	25%

This space intentionally left blank.