

**Instructor:** Dr. Tianran Chen

**Office:** C237 Wells Hall

**Email:** chentia1@msu.edu

**Office hours:** by appointment and

**Mon.** 3:00pm – 4:00pm

**Wed.** 3:30pm – 4:00pm

**Thu.** 3:00pm – 4:00pm

**Textbook:** Steven Leon, *Linear Algebra, 8th edition*. Prentice Hall, 2010.

**Objectives:** This course will cover the basic concepts of linear algebra: linear systems of equations, matrices, vector spaces, linear independence, linear transformations, determinants, and eigenvalues and eigenvectors, and if time permits: inner product spaces.

**Class meetings:** Mon. Wed. 4:10pm – 5:30pm A334 Wells Hall.

**Attendance:** You are expected to be present for all class meetings.

**Homework:** Homework problems, which are essential to your understanding of the course material, will be assigned regularly. The problems will be collected *every Monday at the beginning of the class*. Solutions must be written up *neatly and logically*, with sufficient explanation in *complete sentences*. Students may discuss any of the problems with one another. However, you must write the solutions yourself with your own wording. **Late homework will not be accepted. No exceptions.** Three of your lowest homework scores will be dropped.

**Quizzes:** To test your understanding of the material, quizzes will be given regularly during class meetings. There are two kinds:

**Mini quizzes:** A short (5 – 10 minutes) quiz will be given at the *beginning* of every lecture (so don't be late!). Two of the lowest mini quiz scores will be dropped.

**Longer quizzes:** There will also be 6 longer quizzes (dates to be announced). The lowest quiz score will be dropped.

**Exams:** There will be one in-class midterm exam (dates to be announced in class). The final exam is on Monday December 14, 12:45-2:45 p.m. (Location to be announced).

**Grading:** Your grade will be determined by the following components

Homework	Quizzes	Midterm	Final
100	200	100	100

You need at least 50% in each category in order to achieve a passing grade in this course. If you have earned at least 50% in each category, your grade will be determined according to the following scale:

4.0	3.5	3.0	2.5	2.0	1.5	1.0
92 – 100	85 – 91	78 – 84	71 – 77	64 – 70	57 – 63	50 – 56

**Important dates:** These are the important dates for this semester:

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Wed.	09/02	Classes Begin
Mon.	09/07	Labor Day — University closed
Wed.	09/09	Online open add period ends at 8pm.
Wed.	09/16	Last day to late add a course or change sections within a course. Last day to drop to a lower level.
Mon.	09/28	End of 100% Tuition Refund
Wed.	10/21	Middle of Semester. Last day to drop a course without a grade being reported.
Fri.	12/11	Last day of classes.
Mon.	12/14	Final exam.

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**Academic honesty:** The University's policy concerning academic integrity is covered in the Spartan Life booklet, General Student Regulations. According to the handbook, "...no student shall claim or submit the work of another as one's own".