LINEAR ALGEBRA
MATH 2085

Course Information

- **Course:** Math 2085
- **Text:** Linear Algebra, Third Edition, ISBN 978-1-944325-03-9, a free book is available at http://joshua.smcvt.edu/linearalgebra/book.pdf. Answers to the exercises can be found in the solutions manual at http://joshua.smcvt.edu/linearalgebra/jhanswer.pdf.
- **Author:** Jim Hefferon
- **Course Content:** Chapters 1-5.
- **Classroom:** 114 Lockett Hall
- **Time:** 9:00 - 10:20 am Tu&Th

Instructor Information

- **Instructor:** Dr. Ling Long
- **Office:** 256 Lockett Hall
- **Office Hours:** Tu&Th 8-9a.m. and Tu 10:30-11:20a.m., or by appointment
- **Phone:** 578-1654
- **email:** llong@lsu.edu

Course Description

This is a course on linear algebra. It covers linear systems, vector spaces, linear maps, determinants and similarity.

As a 3-credit course, students are expected to have six hours of coursework outside of class per week, for a minimum time commitment of 9 hours per week.

Graded Work

Final Exam	Comprehensive	30%
Exams	Two 50-minute exams	40% (20% each)
In-Class Quizzes		30%

Homework and Quizzes: Homework will be assigned regularly at moodle. It is your own responsibility to finish the homework on time. Homework will not be collected.

There will be regular quizzes. Each quiz is about 15 minutes long, largely consists of problems chosen from homework assignments. Two lowest quiz scores will be dropped in the end. NO make-up quiz will be given.

Tests: There will be two in class 50-minute-long midterms and one final exam. No books or notes are permitted. The problems will be similar to those in the homework. To request any make-up exam, valid documents (such as physical doctor's notes or team travel notices) will be required. Your lowest midterm test score will be replaced by your final exam score if it is higher.

Calculators and Collaboration: You can use any technology available to help with homework and online quizzes, and you may collaborate with others while doing them. However, on in-class quizzes and exams you may only use a scientific calculator that does not do graphs or symbolic manipulation, such as solving equations and symbolically calculating derivatives and integrals. Work on in-class exams must be your own work with no assistance from anyone else. During an exam, attempts to look at other students' exams and the use of crib sheets or formula sheets will be considered to be a violation of the LSU Code of Student Conduct and will be reported to the Student Advocacy and Accountability Office.

Grading Scale

A+	97+	A	93-97	A-	90-93		
B+	87-90	B	83-87	B-	80-83		
C+	77-80	C	73-77	C-	70-73		
D+	67-70	D	63-67	D-	60-63	F	0-59

Tentative Exam Schedule

Exam 1:	**Thursday February 15**
Exam 2:	**Thursday March 22**
Final Exam:	**Thursday May 3, (12:30-2:30p.m., in our usual classroom)**

Attendance and class preparation: Regular attendance is required for this course. You should make every effort not to miss any classes and complete all the homework in a timely fashion. It is your responsibility to catch up with missed lectures. You are responsible for the announcements made in class, which may include changes to the syllabus.

Disability Policy: Please address any special needs or special accommodations with me at the beginning of the semester or as soon as you become aware of your needs. Those seeking accommodations based on disabilities should obtain forms from the Disability Services (DS) is located in room 115 of Johnston Hall (225-578-5919).