

MAS 3106-1 Spring 2014

Linear Algebra

Prof. **Zhe Liu**

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Office : MSB 420

Office Hours : M 4:30 pm ~ 5:30 pm, T 10:30 am ~ 11:30 pm, or by appointment

Lectures : T R 1:30 pm ~ 3:20 pm, MSB 0108 (Credit Hours : 4)

Prerequisite : MHF 3302 and MAS 3105

Textbook :

S.H. Friedberg, A.J. Insel, and L.E. Spence, Linear Algebra, 4th edition

Description

Abstract vector spaces, linear transformations, isomorphisms, projections, inner products, the spectral theorem, Jordan canonical form.

Course Website

- <http://math.cos.ucf.edu/~zheliu/teachingmas3106spring2014/>

Most course material (homework assignments, course calendar, announcements, etc.) will be posted on our course website.

- Your (quiz and exam) grades will be posted on Webcourses@UCF.

Evaluation

- Homework

Homework will be assigned weekly. Homework will not be graded. Extra credits (2 pts) will be given for each turned in and completed homework.

- Quizzes (12 pts \times (6 - 1) = **60** pts)

Weekly quizzes will be given in class on Tuesdays (see course calendar). Each quiz consists of problems selected from the homework of the previous week. The lowest grade will be dropped. There will be NO make-up for missed quizzes.

- Exams (70 pts \times (3 - 1) = **140** pts)

There will be three in-class exams (see course calendar). The lowest grade will be dropped. There will be NO make-up for missed exams. You are required to take all of the three exams. University related absences and medical reasons are considered as valid reasons for missing an exam; in either case documentation is requested.

- Final Exam (**100** pts)

The final exam will be cumulative. It is scheduled on Tuesday, April 29, 1:00 pm ~ 3:00 pm.

- The **TOTAL** possible points of this course will be **300**.

Course grades will be determined according to the following scale.

A	[270, 300]	[90%, 100%]	
B+	[261, 270)	[87%, 90%)	B [240, 261) [80%, 87%)
C+	[231, 240)	[77%, 80%)	C [210, 231) [70%, 77%)
D+	[201, 210)	[67%, 70%)	D [180, 201) [60%, 67%)
F	[0, 180)	[0%, 60%)	

- Calculators are **NOT** allowed on any exams and quizzes.

Academic Integrity

UCF faculty members have a responsibility for your education and the value of a UCF degree, and so seek to prevent unethical behavior and when necessary respond to infringements of academic integrity. Penalties can include a failing grade in an assignment or in the course, suspension or expulsion from the university, and/or a “Z Designation” on a student’s official transcript indicating academic dishonesty, where the final grade for this course will be preceded by the letter Z. For more information about the Z Designation, see <http://z.ucf.edu>. For more information about UCF’s Rules of Conduct, see <http://www.osc.sded.ucf.edu>.

Disability Services at UCF

The University of Central Florida is committed to providing reasonable accommodations for all persons with disabilities. Students who need accommodations must be registered with Student Disability Services, Ferrell Commons Room 185, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, before requesting accommodations from the professor.

Religious Policy

It is the practice of the University of Central Florida to reasonably accommodate the religious observances, practices, and beliefs of individuals in regard to admissions, class attendance, and the scheduling of examinations and work assignments. A student who desires to observe a religious holy day of his or her religious faith must notify all of his/her instructor in writing **at the beginning of the term (prior to the end of the add/drop period)** to be excused from classes to observe the religious holy day. (Please note that documentation may be requested.)