

## MATH 3013.64489: Linear Algebra Syllabus

### Instructor Contact Information:

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Instructor: Dr. Jay Schweig  
Email: jayschweig@gmail.com  
Office: 433 MSCS  
Phone Office: x5690  
Office Hours in MSCS 433: 11:30 - 12:30 W, 2:30 - 3:30 F.  
Office Hour in MLSC: 3 - 4 R  
(office hours are subject to change)

### Class and Resource Info:

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Class Meeting: 10:30 — 11:20 MWF  
Class Location: MSCS 514  
D2L (Online Classroom): <https://online.okstate.edu/> (Chrome, Firefox, or Safari work best).

~This syllabus is subject to change. If updated, the new version will be posted on D2L.~

### Prerequisite:

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A grade of C or better in Math 2153: Calculus II or equivalent.

### Required Materials:

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- (1) Online homework system WebAssign (<http://www.webassign.net/login.html>).
  - For our section use WebAssign Class Key: okstate 2523 8810.
- (2) [Optional] Textbook: Linear Algebra: A Modern Introduction, 4th Edition, By David Poole.

NOTE: WebAssign access includes an e-book version of the text, so a physical copy of the book is optional.

### The Mathematics Learning Success Center (MLSC):

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The MLSC is on the 5<sup>th</sup> floor of the Edmon Low Library, and is a great resource. You don't have to schedule an appointment or have a specific question in order to use the MLSC. In fact, many students prefer to do their homework there. That way, they're around other students and tutors if they run into any difficulties. Hours for Linear Algebra tutoring are as follows:

- Monday through Thursday from 12:00 PM until 9:00 PM,
- Friday from 12:00 PM until 5:00 PM, and
- Sunday from 1:00 PM until 9:00 PM.

### Calculators:

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TI 83 and 84 models are permitted for all exams. A TI 89, Nspire, or a calculator with a computer algebra system, any technology with wireless or Internet capability (i.e. laptops, tablets, smart phones or watches), a QWERTY keyboard, or a camera are **NOT ALLOWED** for exams. If you do not own an allowable calculator, you may borrow a calculator for the semester from the Math Department office (401 MSCS) without charge. If you want to borrow a calculator from the Math Department, you should do so ASAP. Graphing calculators can be a valuable tool, but not a substitute for your own conceptual understanding.

### Expectations:

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All students are expected to be active participants in class by asking and answering questions. During class, the use of cellphones, tablets, and laptops is prohibited since these can be distracting. Plan to spend, on average, eight hours each week outside of class on staying caught up. This includes reading the text, working on

problems, discussing questions with others, and making use of office hours and the MLSC. Should you miss class, it is your responsibility for obtaining any handouts and finding out about any announcements or assignments you may have missed. For example, arrange to borrow a classmate's notes so that you can learn what was covered in class.

### Missing Work:

Reasonable accommodation will be offered in the event that you miss a major assessment activity for a valid and documented reason, **assuming documentation is provided in advance** unless absolutely impossible. For a quiz or exam, you need to tell me as soon as you know there is a conflict; you will be ineligible for a make-up if you do not. If you cannot make it to class when a written assignment is due you should turn it in early or get a classmate to turn it in for you.

### Syllabus Attachment:

Please read the OSU syllabus attachment online from the following page:  
<http://academicaffairs.okstate.edu/content/resources-faculty-staff> (follow the link under Syllabus Attachment for Fall 2017). This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as the result of a disability. Any changes to this syllabus will be announced in class and posted on D2L.

### Grades:

There are two grading schema; for each student the one resulting in the higher grade will automatically be used:

Items	Scheme A	Scheme B
Exams 1 & 2	20% each	10% each
Final Exam	30%	50%
WebAssign & everything else	30%	30%

### Grade Determination:

$$90\% \leq A \leq 100\%$$

$$80\% \leq B < 90\%$$

$$70\% \leq C < 80\%$$

$$60\% \leq D < 70\%$$

$$0\% \leq F < 60\%$$

A slight curve may be applied to the final grade, but you shouldn't factor this in when planning for a grade (e.g., if you want a B, don't aim for a 79% and hope for a curve!)

### Homework:

**To learn linear algebra you must PRACTICE!** You will have **WebAssign** assignments due once a week, most likely on Sunday nights (this may be changed later). For each problem you will have 3 chances to answer. It's a good idea to keep a homework notebook where you work out the WebAssign problems.

### Exams:

There will be two in-class exams, and a comprehensive Final Exam.

**Exam 1:** Friday, September 29th

**Exam 2:** Friday, November 3rd

**Final Exam:** Wednesday, December 13th from 10:00 to 11:50 AM.

**Exam Policy:**

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You are permitted an allowed calculator and a handwritten 4"×6" note card (both sides).

**Academic Integrity:**

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Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct. Please see the OSU Fall 2017 Syllabus Attachment for more information. You are encouraged to work and study together, however **all written and online work you hand in must be your own**. Copying someone else's solutions or letting others copy your work is prohibited. Do not cheat. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination, or course, receiving a notation of a violation of academic integrity on your transcript (F!), and/or being suspended from the University.

**Drops:**

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The last day to drop a course without a 'W' is Monday, August 28th. It is very hard to know by this early date if you are well-suited for the course (we will have had only three lectures), so if you have any questions as to your prerequisites or your fit in the class, please come talk to me.