Math 3013: Linear Algebra, Section 65210, MWF 11:30-12:20, in ES 111

Professor: Henry Segerman
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Office: 504 Mathematical Sciences Building
Office Phone: (405) 744-7746
Office Hours: TBD.
Online Classroom (D2L) site: `https://online.okstate.edu` (then log in and find our course, listed as MATH-3013-0 - Linear Algebra - OSU.65210.201660).
Prerequisite: Math 2153.
Textbook: *Linear Algebra, A Modern Introduction* (Third Edition), by David Poole. Tentatively, we will cover sections 1.1–1.4, 2.1–2.4, 3.1–3.7, 4.1–4.4, 4.6, 5.1–5.5, 6.1–6.2 and 6.4.

This is a three credit-hour mathematics class that goes quickly. You should expect to average six hours of work outside of class per week and more if you are struggling. It is very difficult to succeed at this level of mathematics without consistently spending that much time reading the textbook, doing practice problems, and getting help.

Syllabus Attachment: Please read the OSU syllabus attachment on the web, linked at `http://academicaffairs.okstate.edu/current-students`. This has a lot of important information, including instructions about disability accommodations. If you need accommodations as the result of a disability, please contact Student Disability Services (`http://sds.okstate.edu/`) **as soon as possible**. Once they have sent me an appropriate Accommodation Letter, please follow up with me privately within the first two weeks of the course.

Grading: There are two schemes. For each student, I will pick the one that gives the higher grade:

Scheme 1		Scheme 2	
Three 50 minute midterm exams	15% each	Three 50 minute midterm exams	10% each
Final exam	25%	Final exam	40%
Homework/quizzes	30%	Homework/quizzes	30%

Earning 90% guarantees an A for the semester, 80% a B, 70% a C, and 60% a D. I reserve the right to use discretion if you are on the borderline between two grades, considering performance on the final exam, improvement or decline during the semester, attendance, and my subjective judgment of your effort. I will not drop any exam scores. I will drop your two lowest scores from the homework/quizzes category.

Attendance: Attendance is required. It is rare for a student to do well if he or she misses many classes.

Exams: All midterm exams will be in class. The tentative exam dates are **Friday September 16, Friday October 21 and Friday November 18**. I will communicate any changes in class and by email. The final exam will be in the usual classroom on **Wednesday December 7**, 10:00–11:50am.

You must tell me by email by **Monday November 21** if you have a university-approved conflict with the final exam time; if you do not meet that deadline you may not be allowed to take a conflict exam. If you are allowed, you may have your score decreased by up to 15% as a penalty. I cannot give a conflict exam if you do not have a university-approved conflict.

Quizzes: I may give short quizzes in class, usually but not necessarily always announcing them in advance.

Homework: It is impossible to learn mathematics without practicing it. I will assign written homework assignments essentially every week, and will grade a subset of the questions I assign. There is no online homework component to the class. Unless I say otherwise, homework will be **due in class on Fridays**.

Check D2L for new homework assignments. I do not generally accept late homework. (Ask me if you have extenuating circumstances; I may be more generous if it is a one-time problem.) Missing homework can dramatically lower your course grade, so please keep up with the work, and start early. Computer or network difficulties are not an excuse for late homework. You should expect to have to work hard to solve some of the problems; you don't learn much by doing problems identical to those I do in class. In addition to assigned homework, you should also be reading the book ahead of the lectures. The lecture should be your second exposure to the material.

Conflicts: I will offer reasonable accommodation 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 you have a conflict and will be ineligible for a make-up if you do not. If you won't be in class when written homework is due, turn it in early or give it to someone else to turn in prior to the deadline. I require proof of the reason for your absence (e.g., a doctor's note, proof of involvement in an OSU-sponsored activity, etc.), and you should not assume you will be eligible for a make-up exam or quiz unless I have explicitly approved your request.

Calculators: Calculators may be useful on exams and homeworks, but are not generally required. No laptops, cellphones etc. on exams. **Only calculators without graphing capabilities will be allowed on exams.**

Academic Honesty: Don't cheat. Don't copy from other students, allow other students to copy your work, or present work you find in printed or electronic sources as your own. You may get help on homework from other people or sources but you should write/calculate your solutions independently, without looking at anything someone else has produced. The university policies on issues of academic integrity are outlined in the syllabus attachment. For more details, contact the Office of Academic Affairs, 101 Whitehurst, (405) 744-5627, `http://academicintegrity.okstate.edu`.

What if I need help? Often students find it helpful to talk to each other and work through homework or practice problems together. You are encouraged to post questions and answers in the Discussion section of the Online Classroom. Take advantage of office hours! Seek out help before problems get too large to tackle. You will find that I have a lot of patience for students who are genuinely interested in learning, and decreasingly less for those who regularly skip class/homework/etc. Don't hesitate to ask me, or others in the class if you have questions or are having trouble. I can also schedule appointments outside of office hours as needed.

To do:

- Go to `https://online.okstate.edu` to log on to the Online Classroom (Desire2Learn). After logging in, you should see Linear Algebra 3013 in your list of courses. Look at the course documents in the Content section, this is also where I will post written homework sets and midterm reviews.

- Find the syllabus attachment described above, and read it carefully.