

## SYLLABUS FOR MATH 2B -- Linear Algebra

<b>Instructor</b>	Mehrdad Khosravi	
<b>Office</b>	S-42a, M-R 10:30-11:20	
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<b>Class Time and Location</b>	MTWRF 11:30-12:20 S16	
<b>Course Description</b>	Linear algebra and selected topics of mathematical analysis.	
<b>Course Text</b>	Elementary Linear Algebra, Application version, 10 <sup>th</sup> or 11 <sup>th</sup> edition, by Howard Anton/chris Rorres, published by Wiley.	
<b>Required Materials</b>	The textbook, a graphing calculator (TI-83 or 84 is preferred if you are buying a new calculator. If you already have a TI-82, 85, or 86, you can use that.)	
<b>Course Prerequisites</b>	Mathematics 1D with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as Second Language 272 and 273.	
<b>Method of Instruction</b>	This class will consist of lectures and in-class discussion. There will also be board work and in-class group assignments which you are expected to participate in.	
<b>Evaluation Process (point based out of 650pt)</b>	Final grade in this course will be determined as follows:	
	Class participation	30pts
	Homework(3, 10pt each)	30pts
	Quizzes (6 out of 7, 15pt each)	90pts
	Tests (3)	300pts
	Final Exam	200pts
	Grading scale:	
	[598,650] :	"A"
	[585,597] :	"A-"
	[572,584] :	"B+"
	[533,571] :	"B"
	[520,532] :	"B-"
	[507,519] :	"C+"
	[455,506] :	"C"
	[390,454] :	"D"
	Below 390 :	"F"

The top two scores in class that are above 637pts will receive A+. The student is responsible for saving all graded, returned work. There will be no discussion of grade discrepancies unless the student has a graded copy of the work in question. Please

keep a copy of all the work you turn in for your own records.

## Tests and Quizzes

There will be Three in-class tests, each counting as 100pts. **absolutely no makeup** If you miss a test due to what I consider an emergency and you provide appropriate documentations, I will decide to either replace that test grade with half of the fina (final is out of 200 but each test is out of 100) or I will provide you with an oportu a make up test. You must inform me of your emergency within 48 hours and provide with the documentation relevant to your situation. If I don't consider your reasonin emergency or if you don't provide me with appropriate documentation in a timely m you will receive a zero for that test. Regardless, you will get zero for any other mis tests, emergency or not. No makeups for the final can be provided. The final grade be dropped.

There will be 7 quizzes and I only count the top 6. Quizzes will be given at any part class period. There are **absolutely no makeup quizzes**. A missed quiz for any reaso (including coming late or leaving early) will count as a zero.

## Homework

In the course schedule I have included a list of suggested homework problems from sections. You are responsible to do at least all of the suggested problems. You shoul know how to do ALL of the problems. There is a direct correlation between your lev comfort with the homework problems and your success in this class.

Grading: I will collect your homework for the sections covered in each test on the d the test and grade them for completion during the test. Your work must contain the process and final answer for each problem. Also, **no late** work will be accepted. Ra take home work can be assigned. Please keep a copy of the work you turn in for yo records.

## Class Attendance and Faculty Initiated Withdrawal Policy

**A student who discontinues coming to class and does not drop the course will ge It is the student's responsibility to drop the course.** Attendance is mandatory. Cla participation counts as 30pts of your total grade. Every absence, tardiness, early departure for any reason, or in class distractions (such as cellphones or computers) results in a loss of 5pts. If a student misses three classes, he or she may be dropped However, the ultimate responsibility of dropping the course lies with the student.

## Withdrawal Policy

The withdrawal deadline for the quarter is **May 31<sup>st</sup>, 2019**. If students withdraw b this date, they will receive a "W". After this date, an "F".

## Academic Honesty and Discipline Policy

Students are expected to abide by the college code of conduct. All work turned in i the student's own. Students giving or receiving help on a test or quiz will forfeit all for that assignment or may be withdrawn from the course with a grade of "F". For t home assignments, any student turning in a work, which is strikingly similar to that another student, will be required to schedule a conference to discuss the matter w instructor, and any evidence of cheating will result in no points for that assignment will be reported for further action. I take cheating very seriously and reserve the ri put the incident in your permanent record.

## Important Dates

Please check the [important dates](#) for this quarter. The scheduled final is on the [cou schedule](#).

## Honors Cohort

An Honors cohort is being offered in this section. If you are in the Honors Program y welcome to participate in the cohort. If you are not in the Honors Program but are for the program, you are also welcome to participate as long as you have not taken Honors class from De Anza previously. Eligibility requirements can be found at <http://www.deanza.edu/honors> or you may contact [dahonors@deanza.edu](mailto:dahonors@deanza.edu) with yo name, SID, and the Honors course you are interested in taking. The cohort entails additional work and you will earn an Honors designation for this class on your trans Once you commit to the Honors portion, you will be expected to complete the extr Failure to complete the Honors work will result in a lowering of your Honors course Honor students' grade will be out of 715 points where the extra 65 points is for your project. Hence, if an honor student chooses not to complete the honor project, the grade would be at most 650/715 which is A-.

- Expected Student Conduct** A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action. During the quarter, if you have any questions about the course policies, you will be referred to this syllabus. Please make sure you keep a copy.
- Students with Disabilities** Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss specific needs with the instructor, preferably during the first two weeks of class. Disability Support Services determines accommodations based on appropriate documentation of disabilities. DSS is located in room RSS-141 and their phone number is (408) 864-8753.
- Disclaimer Statement** The information presented in this syllabus may be modified as required by the instructor. Students will be notified of any modifications during normally scheduled classes, and students are responsible for the changes.

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**Student Learning Outcome(s):**

\*Construct and evaluate linear systems/models to solve application problems.

\*Solve problems by deciding upon and applying appropriate algorithms/concepts from linear algebra.

\*Apply theoretical principles of linear algebra to define properties of linear transformations, matrices and vector spaces.