De Anza College
Math 11 – Finite Mathematics (CRN#48741)

Instructor: Alex Cheng   **Email:** chengalex@fhda.edu

Office Hours: Monday, Wednesday & Thursday 2:45 PM - 3:45 PM in S-55

Class meets in person every **Monday**, **Wednesday** & **Thursday** from **4 PM- 6:15 PM** in **MLC270**

Course Description:
Application of linear equations, sets, matrices, linear programming, mathematics of finance and probability to real-life problems. Emphasis on the understanding of the modeling process, and how mathematics is used in real-world applications.

Student Learning Outcome(s)
1. Identify, evaluate, and utilize appropriate linear, probability, and optimization models and communicate results.
2. Compare, evaluate, judge, make informed decisions, and communicate results about various financial opportunities by applying the mathematical concepts and principles of the time value of money.

Textbook & Required Materials:
- Barnett, Ziegler, and Byleen, "Finite Mathematics for Business, Economics, Life Sciences and Social Sciences"
- You can use an online graphing calculator via a website as https://www.desmos.com.
- Calculator – TI-84+ is preferred, but Ti-83/Ti-83+ will also be supported for this class.

Withdrawal/Drop Policy: It is the ultimate responsibility of the student to drop the class. Do not rely on the instructor to drop.

Attendance: Students are expected to attend all class sessions, arrive on time, take notes, and remain for the full duration of each class. Students who arrive late or leave early will be marked tardy. Two tardies will count as one absence. The instructor reserves the right to drop students who are absent more than three times or who are chronically tardy (six or more times). Students who stop attending class without officially dropping the course will receive a failing grade. It is the student's responsibility to complete the official drop process.

Smartphone Use: All smartphones must be on silent mode and put away during lecture. We do not learn how to text or search the Web in this class, so there is no reason to have smartphones out during class unless the instructor allows so.

Grade Breakdown: A:100-90%   B:89.99-80%   C:79.99-70%   D:69.99-60%   F:<59.99%

Miscellaneous	120 points
Quizzes (4)	80 points
Exams (3)	300 Points
Final	100 points
Total	600 points

All grade cut-offs are firm and non-negotiable. For example, an 89% is not an A-, and a 69% is not a C. Requests for higher grades based on transfer goals (e.g., to UCs, CSUs, or top-ranking universities) or scholarship eligibility will not be considered.

Homework: The purpose of homework is to help you learn the material in the course. You learn the most and do your best if you do the homework problems. The homework will **NOT** be collected. It is for you to do on your own for practice. Again, do not turn in the homework, it is for your own practice.

Quizzes: Quizzes will focus on the materials covered during that week. **NO MAKE-UP** QUIZZES are given.

Exams & Final: There will be three exams and one final, all taken in person. No make-up exams or extensions will be given. In the case of a documented emergency, a missing exam score may be replaced with the corresponding portion of the final exam. Students are expected to uphold academic integrity during all exams; any form of dishonesty or unauthorized assistance will result in disciplinary action. More details about each exam will be provided as the dates approach. Refer to the course calendar for tentative exam dates.

Miscellaneous: In-class assignments may be given. Credit is earned by attending, meeting expectations, and submitting work on time. Missing class or not completing the work will result in no credit.

Tutoring Services: The De Anza campus has a free tutorial center for math students where students can get "drop in" help or make appointments with a tutor. Also, there are specific MPS tutors available for free. Check Canvas for links to access these tutors through Zoom meetings. Additionally, I am very glad to help you in office hours. Please use your resources.

Academic Integrity: All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but you are expected to write up your answers independently. Any instances of cheating or plagiarism will result in disciplinary

action, including getting a '0' on the assignment and report to the PSME dean, which may lead to dismissal from the class or the college

Student Honesty Policy: "Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal."

Disabled Services: Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to http://www.deanza.edu/dss.

Recipe for Success:
1. If you ever have any questions, Email me! You are welcome to send email to me whenever you need help!
2. Visit the Online Tutoring Center.
3. Form a study group.
4. Attend all lectures, participate in every discussion, and complete every homework assignment.
5. Read the sections to be discussed in class prior to the lecture

Spring 2026 Tentative Schedule

Week	Monday	Wednesday	Thursday
1	**April 6** **Sections 1.1 & 1.2**	**April 8** **Sections 1.3, 2.1**	**April 9** **Review**
2	**April 13** **Sections 2.5, 2.6**	**April 15** **Section 3.1 / Quiz#1**	**April 16** **Sections 3.2**
3	**April 20** **Sections 3.3**	**April 22** **Sections 3.4**	**April 23** **Sections 4.1,4.2**
4	**April 27** **Sections 4.3,4.4**	**April 29** **Exam #1**	**April 30** **No Class**
5	**May 4** **Sections 4.5 & 4.6**	**May 6** **Sections 5.1**	**May 7** **Section 5.2**

6	**May 11** Sections 5.3	**May 13** Sections 6.1 & 6.2 / Quiz#2	**May 14** Review
7	**May 18** Sections 6.3	**May 20** Sections 6.4	**May 21** Exam#2
8	**May 25** NO CLASS	**May 27** Sections 7.1,7.2	**May 28** Sections 7.3, 7.4
9	**June 1** Section 8.1	**June 3** Section 8.2 & Quiz#3	**June 4** Review
10	**June 8** Sections 8.3	**June 10** Section 8.4 & Quiz#4	**June 11** Section 9.1
11	**June 15** Exam#3	**June 17** Sections 9.2	**June 18** Final Review
Final	**June 22** **FINAL EXAM (4 pm - 6:15 pm)**		

Important Dates and Deadlines: http://www.deanza.edu/calendar/dates-and-deadlines.html

De Anza Final exams schedule: https://www.deanza.edu/calendar/final-exams.html

*This syllabus is subject to change at the instructor's discretion. Changes will be announced in class and on Canvas.

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