

Math 11: Finite Mathematics

Tu/Th 06:30 pm–8:45 pm, Location S16

Instructor: Fatemeh Yarahmadi, Email: yarahmadifatemeh@fhda.edu

Office Hours and Location: Tuesday and Thursday: 5:45PM - 6:15 PM in E37

Textbook: Finite Mathematics, An Applied Approach, Eleventh edition, by Sullivan.

Calculators: In general we don't use calculator in this class that often, but if needed online calculator/graphing calculator (like DESMOS) will suffice.

Course Description and Prerequisites: 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.

Prerequisite: Qualifying score on the Math Placement Test within the past calendar year; or MATH 114 or equivalent with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Attendance: You are expected to attend all class meetings and complete all assignments. Come to class *on time* ready to learn and work for the entire class period. **Turn off cell phones and keep them out of sight.** "Students missing one more class hour than the unit value for a particular course, without making prior arrangements may, at the instructor's option, be dropped without possibility of credit.

"It is the responsibility of the student to drop the course."

Sources of Help: The De Anza campus has a tutorial center for math students where students can get "drop in" help. The tutorial center is located in room S-43.

Homework: Your success in the class will depend on finishing homework assignments in a timely manner. The handout explaining homework policy and grading procedures will be given to you on the first day of class

Exam Reviews: There will be an exam review assigned before each exam worth 10 points each. The purpose of the review is to aid the student in studying for the exams.

Exams: There will be **four exams** to test your understanding of the concepts from lecture and the homework. They should be straightforward for those who complete and understand the homework. Each exam will be worth 100 points. A total of 400 points will be counted toward your final grade

No make-up exams will be given. If you are forced to miss an exam, you need to contact me **before** the exam with a valid reason.

Final Exam: A comprehensive final exam worth 200 points will be given on the last day of the class.

Grading Policy:	Homework	Maximum of	100 points
	Class participation		60 points

Exam Reviews	4 @ 10 pts	40 points
Exams	4 @ 100 pts	400 points
Final	1 @ 200 pts	200 points

Total 800 points

Your grade will be computed as a straight average: the total number of points earned divided by the total points possible. Please keep all of your graded papers.

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.”

Special Needs: “Students requiring special services or arrangements because of hearing, visual, or other disability should contact their instructor, counselor, or the Disabled Student Services office.”

Recipe for Success:

- If you ever have any questions, COME TALK TO ME! You are welcome to send email to me whenever you need help!
- Visit the Tutoring Center.
- Form a study group.
- Attend all lectures and complete every homework assignment.
- For each hour of class time, expect to spend **two hours** outside of class reading the text, studying your notes, and working problems.
- Read the sections to be discussed in class prior to the lecture.

Academic Integrity: Students are reminded that their behavior at all times reflects upon the college community. The minimum penalty for cheating, plagiarism, etc. is a grade of zero on the assignment. For additional information on the college’s policies, read the Ethics and the Academic Integrity Policy at

<http://www.deanza.edu/studenthandbook/academic-integrity.html>.

Disability Services: Students with disabilities should contact Disability Support Programs Services, Building: AT209. Contact: Marilyn Booye, Phone: 408.864.8407.

I am happy to meet with you to discuss necessary academic accommodations once I receive appropriate documentation from Disability Support Programs Services .

Courtesy: As a courtesy to those around you, cell phones and other electronic devices should be silenced and put away during lecture unless otherwise instructed by me.

Important Dates: For more detail go to: <https://www.deanza.edu/calendar/>

Student Learning Outcome(s):

*Identify, evaluate, and utilize appropriate linear and probability optimization models and communicate results.

*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.