

Math 11-27: Finite Mathematics [CRN 01534]
TTh 04:00 PM–6:15 PM, Location MCC-12
Classes meets twelve weeks (September 25-December 15, 2017) .

Instructor: Reza Shariatmadari, Email: shariatmadarireza@fhda.edu

Office Hours: Tuesday and Thursday: 12:00 pm - 1:30 pm at the lower level of Financial Aid building (Baldwin Vinery). Dial 5720 for my office access.

Textbook: Finite Mathematics & Its Applications, twelfth edition, by Goldstein, Schneider, Siegel, and Hair.

Calculators: We don't use calculator in this class, if needed online calculator/graphing calculator 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.

Midterms: There will be three midterm exams corresponding to each chapter or combination of chapters. These exams will be given either during regularly scheduled class meetings or as a take home exam or combination of both. The midterm exams are cumulative. Any change in Midterm dates and location will be announced in advance.

Tentative Midterms Schedule:

Midterm 1: October 12, 2017

Midterm 2: November 07, 2017

Midterm 3: November 30, 2017

Final Exam: The Final Examination will be on Thursday, December 14, 2017, 4:00 pm - 6:00 pm. This will be a comprehensive examination covering the entire quarter. The date of the final exam is set in stone and will not be changed.

Homework: Homework and recommended problems will be assigned according to our progress in class. They provide practice, help clarify ideas introduced in class or in the text, and constitute a partial guide as to what to expect on Quizzes and Exams.

You are encouraged to work together to study and do your homework. Taken in the right spirit, this can be very productive. However, assignments that you turn in under your name must be your own; group papers will not be accepted.

Quizzes: More accurately they are Pop Quizzes so there will be no announcement about the timing of these quizzes, which explains the pop part of the name. In addition we will have a

Quiz Marathon: Monday November 27, 2017 through Thursday November 30, 2017.

Extra Credit: There will be opportunities for extra credit and they will be announced during class. You can earn as many extra credit points as I offer throughout the quarter.

Attendance and class participation: You are expected to attend lectures every day. Active class participation is required. You are expected to come to class prepared for the days discussion. Should you miss a lecture for any reason, you are responsible for all the material that was covered and assignments that were given. **Make-up exams will be given at my discretion, provided I am notified of your absence in advance.**

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 instructed otherwise by me.

Grades: Course grades will be determined by homework, quizzes and exams. ***I reserve the right to make any changes to the syllabus and to adjust your grade (for better of course) based on my opinion of the quality of your work and your progress throughout the quarter.*** Consult with me at anytime if you have questions about your grade.

General guidelines are as follows:

Homework: 5% for a total of 100 points.

Quiz: 20% for a total of 200 points.

Midterm 1: 15% for a total of 100 points.

Midterm 2: 15% for a total of 150 points.

Midterm 3: 15% for a total of 150 points.

Final Exam: 30% for a total of 300 points.

Your course letter grade will be assigned as follows:

(A+: 970-1000)

(A: 930-969)

(A-: 900-929)

(B+:870-899)

(B: 830-869)

(B-: 800-829)

(C+: 770-799)

(C: 730-769)

(C-: 700-729)

(D+:670-699)

(D:630-669)

(D-:600-629)

(F:000-599)

Getting Help: In addition to coming to office hours, please feel free to email me any questions you have on the homework (or any other questions you might have) and I will respond promptly. Tutoring is also available at "Math, Science & Technology Resources Center (S43). Please take advantage of this service at no cost to you.

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

Holidays:

Veterans Day (Friday, Nov 10, 2017).

Thanksgiving Holiday (Thursday, Nov 23-26, 2017).

Student Learning Outcome Statements (SLO): 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.