Math 11.39Z – Finite Mathematics   **Fall 2022**
Meets: TTh, 6:30 PM to 8:45 PM
Online classes via Zoom

Instructor: Lilit Mazmanyan
Contact: mazmanyanlilit@fhda.edu

This is an online class and instructional method is **synchronous**. Lectures will be delivered online via Zoom during scheduled class times. Virtual breakouts will be used for group collaboration. Instructions how to connect Zoom lectures can be found on Canvas, which are accessible to you via **MyPortal** as you are enrolled in the course. You can also access Canvas using direct link (https://deanza.instructure.com) with your MyPortal login credentials. We will communicate via Canvas Inbox, discussion board, Zoom office hours, and emails. Check periodically Canvas announcements. Instructions to access Zoom for office hours can be found on our Canvas course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. The Student Online Resources hub with extensive information and tips can be found at deanza.edu/online-ed/students/remotelearning.

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.

Requisites
• Prerequisite: Intermediate Algebra (MATH 109, MATH 114 or MATH 130) or equivalent.
• Advisory: EWRT 211 and READ 211, or ESL 272 and 273.

Textbook
R. Bloom and R. Sekhon, *Applied Finite Mathematics*, 3rd Edition.
This is an open source textbook which is available online:
http://deanza.edu/faculty/bloomroberta/documents/AppliedFiniteMath-3ed-Current.pdf

Supporting Textbook
Michael Sullivan, *Finite Mathematics, An Applied Approach*, 11th ed. Wiley, 2011.

Technology
• A TI-83 PLUS, TI-84 or TI-84 PLUS graphing calculator is recommended.
• Microsoft Excel or graphing calculator can be used for group assignments.
• You can use online graphing calculator via website as https://www.desmos.com.

Homework (HW)	• HW will be assigned every week but they will not be collected nor graded. • Quizzes and exams will include similar problems from your homework. • Ask your homework questions before quiz and exam.
Quizzes (Q)	• Quiz is online through Canvas based on classwork and homework. • There are five quizzes assigned on scheduled Thursday of the week. • Some quizzes will be assigned in group. • NO MAKE-UP QUIZZES are given. • Missed quiz is graded as a zero (0).

	• The lowest quiz score will be dropped.
Exams & Final Exam (EX,FE)	There will be four (4) examinations • EX 1, 2 & 3 are one hour each and Final exam is two (2) hours. • EX 1, 2 & 3 and the FE dates are on the course schedule. • It is recommended to have ready one or two sheets of notes. • There are NO MAKE-UP examinations. • An absence from any examination earns a grade of zero (0). • The lowest score of exams 1, 2 & 3 will be replaced by a percentage on the final exam score if the latter is higher. • You MUST take the final exam to pass the course. Quizzes and Exams will be assigned via Canvas. Check the announcements and follow the course schedule on Canvas.
Grading	Students will be graded on quizzes (Q) and exams (EX1, 2 & 3, FE). **Distribution of weights for each category** **Grading Scale** **Extra Credit** During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.

Distribution of weights for each category

Category	% Weight on Final Grade
Quiz	15 %
Exam 1	20 %
Exam 2	20 %
Exam 3	20 %
Final Exam	25 %

Grading Scale

		A	94-100		A-	90-93
B+	87-89	B	83-86		B-	80-82
C+	77-79	C	70-76		D	60-69
					F	<60

Important Dates and Deadlines
https://www.deanza.edu/calendar/

Monday	**September 26**	First day of Fall Quarter 2022
Saturday	**October 8**	Last day to add classes
Sunday	**October 9**	Last day to drop classes with no record of "W"
Friday	**November 11**	Veterans Day holiday, no class
Friday	**November 18**	Last day to drop classes with a "W"
Thursday-Sunday	**November 24-27**	Thanksgiving holiday, no classes
Thursday	**December 15**	Final examination

Online Education Center
- [Student Resource Hub:](#) Visit this site for tips, guides and answers to your questions about using Canvas, Zoom and other online learning tools that your classes may be adopting.
- [Staying Organized:](#) This webpage has advice for planning and staying on top of your online coursework.
- [Canvas Help?](#) Need technical support with Canvas? This page has information on how to get help.
- [More Student Resources:](#) Visit this page for more links and tips.

California Virtual Campus
- [Get Ready for Online Learning:](#) This website has videos about getting "tech ready," managing your time, communicating with instructors and more.

Student services and support
https://www.deanza.edu/online-spring/#Services
- Tutoring and Library Help
- Computers and Tech Products
- Internet Access
- Food and Financial Assistance
- Health and Psychological Services

Attendance, Drops or Withdrawals
- Regular online attendance is essential for success in the course.
- You must not miss a class in the first week of the quarter or you will be dropped.
- A student who discontinues coming to class and does not drop the course will automatically receive a 'F' grade for the course.
- It is the student's responsibility to drop or withdraw from this course by the college deadlines.

Academic Honesty and Discipline Policy:
Students are expected to abide by the DeAnza College Code of Conduct and not participate in academic dishonesty.
https://www.deanza.edu/policies/academic_integrity.html

Student Success Center
http://deanza.edu/studentsuccess/mstrc/
Hours of online Zoom Tutoring Center are Monday to Thursday 9:00-6:00 PM and Friday 9:00 AM-12:30 PM.
The SSC provides free tutoring services such as individual, drop-in, groups, in-class and workshops.
For individual tutoring, fill out a weekly individual application:
http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html
For group tutoring, contact to Helen at nguyenhelen@deanza.edu.

Disability Support Services
https://www.deanza.edu/dsps/dss/
Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss their specific needs with the instructor at the beginning of the quarter.
For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) please contact Disability Support Services (DSS).
Phone number: (408) 864-8753
Email: dss@deanza.edu

Schedule

Quiz 1 – October 6
Quiz 2 – October 13
Quiz 3 – October 27
Quiz 4 – November 3
Quiz 5 – November 17

Exam 1 – October 20
Exam 2 – November 10
Exam 3 – December 1
Final Exam – December 15, 6:15 PM – 8:15 PM

Quiz and Examinations must be completed online through Canvas. They will be assigned during the second part of the class on scheduled Thursday, and you will have one day to complete them with the given time limit.
Please, periodically check the announcements and weekly section updates on Canvas.

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.

Office Hours:

Zoom	F	04:00 PM	05:00 PM
Zoom	F	05:00 PM	06:00 PM