



Math 11.25 – Finite Mathematics
Meets: TuTh, 4:00 PM to 6:15 PM
Room: S45

Fall 2025

Instructor: Lilit Mazmanyman	
Contact: mazmanymanlilit@fhda.edu	Office hours: Tuesday, 11:00 AM – 12:00 PM Online via Zoom (check Canvas course for instructions)

This class meets **on-campus** each week on scheduled days and times. Outside of class times, we will communicate during our office hours or via Canvas Inbox, discussion board, or via email. You can access our course on Canvas via MyPortal as you are enrolled in the course or using the direct link [Dashboard \(instructure.com\)](https://instructure.com) with your MyPortal login credentials. Check Canvas announcements periodically. Information about Canvas can be found on the Student Resources page: [Student Resources \(instructure.com\)](https://instructure.com).

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 or equivalent (or higher), or appropriate placement beyond intermediate algebra.
- Advisory: ESL 272 and ESL 273, or ESL 472 and ESL 473, or eligibility for EWRT 1A or EWRT 1AH or ESL 5.

Textbook

Barnett, Ziegler, and Byleen, "Finite Mathematics for Business, Economics, Life Sciences and Social Sciences", 14th edition. Prentice Hall, 2018

References

Sekhon, Rupinder and Bloom, Roberta, "Applied Finite Mathematics", Third Edition. 2016.

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 an online calculator via a website, such as DESMOS (<https://www.desmos.com>) or GeoGebra (<https://www.geogebra.org>), for the homework and group activities.

Homework (HW)	<ul style="list-style-type: none"> • 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 the quiz and exam. • Some homework problems will be assigned for group discussions.
Group Work (GW)	<ul style="list-style-type: none"> • GW will be assigned randomly during our course time. • GW must be completed in groups of at least two and no more than four. • Topics and details will be discussed in class. • Due date will be announced. • Group Work is graded based on group discussions, simulation analysis and problem solving.

	<ul style="list-style-type: none"> • It is your responsibility to join group discussions not to miss any point. 																																						
<p>Quizzes (Q)</p>	<ul style="list-style-type: none"> • Quiz is closed book. • There are five quizzes based on classwork and homework problems. • One page of notes, HANDWRITTEN, (one side 8.5 x 11-inch) is allowed. • NO MAKE-UP QUIZZES are given. • Missed quiz is graded as a zero (0). • The lowest quiz score will be dropped. 																																						
<p>Exams & Final Exam (EX,FE)</p>	<p>There will be four (4) examinations.</p> <ul style="list-style-type: none"> • 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. • Exams are closed book. • One (1) sheet of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, is allowed for the Exams 1, 2 & 3. • Two (2) sheets of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, are allowed for the Final Exam. • Bring graphing calculator, spare batteries, pencils, ruler, sharpener, and eraser. • There are NO MAKE-UP examinations. • An absence from any examination earns a grade of zero (0). • You MUST take the final exam to pass the course. 																																						
<p>Grading</p>	<p>Students will be graded on homework (HW), group works (GW), quizzes (Q), and exams (EX1, 2 & 3, FE).</p> <p>Distribution of weights for each category</p> <table border="1" data-bbox="425 1157 1143 1402"> <thead> <tr> <th>Category</th> <th>% Weight on Final Grade</th> </tr> </thead> <tbody> <tr> <td>Group Work</td> <td>10 %</td> </tr> <tr> <td>Quiz</td> <td>10 %</td> </tr> <tr> <td>Exam 1</td> <td>20 %</td> </tr> <tr> <td>Exam 2</td> <td>20 %</td> </tr> <tr> <td>Exam 3</td> <td>20 %</td> </tr> <tr> <td>Final Exam</td> <td>20 %</td> </tr> </tbody> </table> <p>Grading Scale</p> <table border="1" data-bbox="425 1472 966 1612"> <tbody> <tr> <td></td> <td></td> <td>A</td> <td>94-100</td> <td>A-</td> <td>90-93</td> </tr> <tr> <td>B+</td> <td>87-89</td> <td>B</td> <td>83-86</td> <td>B-</td> <td>80-82</td> </tr> <tr> <td>C+</td> <td>77-79</td> <td>C</td> <td>70-76</td> <td>D</td> <td>60-69</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>F</td> <td><60</td> </tr> </tbody> </table> <p>Extra Credit</p> <p>During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.</p>	Category	% Weight on Final Grade	Group Work	10 %	Quiz	10 %	Exam 1	20 %	Exam 2	20 %	Exam 3	20 %	Final Exam	20 %			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
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Important Dates and Deadlines

[Academic Calendar \(deanza.edu\)](http://deanza.edu)

Monday	September 22	First day of Fall Quarter 2025
Sunday	October 5	Last day to drop classes without a "W"
Sunday	October 5	Last day to add classes
Tuesday	November 11	Veterans Day holiday – no classes; offices closed
Friday	November 14	Last day to drop classes with a "W"
Thursday-Sunday	Nov. 27 – Nov. 30	Thanksgiving holiday – no classes; offices closed
Thursday	December 11	Final examination

Student services and support

[Your Guide to the Quarter](#)

- Tutoring and Library Help
- Computers and Tech Products
- Internet Access
- Food and Financial Assistance
- Health and Psychological Services
- Health and Psychological Services
- [Canvas Help](#): Need technical support with Canvas? This page has information on how to get help.

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.
- 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/>

The SSC provides free tutoring services, including individual, drop-in, group, in-class, and workshop sessions.

Tutoring hours are Monday through Thursday, 9:00 AM - 6:00 PM.

You can use online tutoring through [NetTutor](#).

Disability Support Services

<https://www.deanza.edu/dsps/dss/>

Students with disabilities who qualify for academic accommodation 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) 864-8838

Registration and Student Services Bldg., RSS 141

Email: dss@deanza.edu

Tentative Schedule

Quiz 1 – October 2
Quiz 2 – October 9
Exam 1 – October 16
Quiz 3 – October 23
Quiz 4 – October 30
Exam 2 – November 6
Quiz 5 – November 20
Exam 3 – November 25
Final Exam – December 9, 4:00 PM – 6:00 PM

November 11 - Veterans Day holiday – no class
November 27 - Thanksgiving holiday – no class

- Any change in schedule is announced during class. Students are responsible for keeping track of schedule changes.
- **Final Exam** date/time is the college-mandated official final exam date/time.
- **Homework** assignments must be completed before the test days.
- **Group Work** is assigned randomly during class time, and the due dates will be announced.
- Course materials (syllabus, lecture presentations, quiz/exam answer keys, and additional resources) are uploaded onto *Canvas*. It is accessible to you via MyPortal as you are enrolled in the course. You can also access Canvas using a direct link (<https://deanza.instructure.com>) with your MyPortal login credentials.

Student Learning Outcome(s):

- Identify, evaluate, and utilize appropriate linear, probability, and 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:

T,TH	11:00 AM - 12:00 PM	Zoom
TH	10:00 AM - 12:00 PM	Zoom