

Math11 Finite Mathematics

Fall 2026, Section 25, CRN 27560

INSTRUCTOR INFORMATION

Instructor	MISAKO VAN DER POEL
Email	van_der_poelmisako@fhda.edu Please follow the format of the subject line stated below. Math 11-25
Class Hour	Tuesday and Thursday 4:00 pm to 6:15 pm at S45
Office Hours	Tuesday and Thursday 1:00 pm to 1:25 pm at S43, 6:15 pm to 6:40 pm at S45

PREREQUISITES

Math 114 (with a grade of C or better), or equivalent

MATERIALS

- *APPLIED FINITE MATHEMATICS*, 3rd Ed, by Sekhon and Bloom:
<https://www.deanza.edu/faculty/bloomroberta/math11/index.html>
- Use of **MyOpenMath** is required to complete homework assignments.

CALCULATORS

The TI 83, TI 83 plus, TI 84, or TI 84 plus are recommended for the students.

NO calculator is allowed for Exams.

Free online graphing tool such as <https://www.desmos.com/> or <https://www.wolframalpha.com/>.

CANVAS

You are expected to check our Canvas page to see announcements, assignments, and week module regularly.

Modules:

- A new module will be created every week.
- All the lectures and the assignments will be listed in each module.
- **Study Sheet** and **PowerPoint** are posted for each section.

Files: *Lecture notes, Formula Sheets, Tables*, or any documents will be posted in the Files tab.

ALL ASSIGNMENTS (Homework, Quiz, and Exam)

Late Submission means Zero Credit

Regardless of why you missed it;

- **Late submissions are not acceptable**, and there is **no exception**.
- **Do not ask for any extensions**.
- Submission of each homework assignment is due at **11:59pm** on each due date.

ATTENDANCE / PARTICIPATION

- You are expected to attend all classes, arrive on time, and stay for the entire class.

STUDENT CONTRACT

- Please read "Student Contract" carefully and write your signature (do NOT type your name) and date. And then upload it into "Assignments" in Canvas by **Oct 4**.

SCORE SHEET

- You will record all scores in the score sheet which will be uploaded into "Assignments" in Canvas by **Dec 3**.

HOMEWORK

- Homework will be assigned in [MyOpenMath](#) weekly, and **no late work** will be accepted.
- **No extensions** will be granted.
- you will have at most 3 versions of each problem, and 3 attempts are allowed for each problem . (This means that you will have **at most 9 attempts** on each homework problem.)
- **Three homework assignments with lowest percentages will be dropped.**
- Submissions are due at **11:59pm** on each due date.

To create an account in MyOpenMath follow these steps:

- Click here: <https://www.myopenmath.com/>
- Click "Register as a new student"
- Course Name: MATH D011-25 Finite Mathematics Fall 2026
- Use Course ID: **346650**
- Use Enrollment Key: **da1125**

QUIZZES

Quizzes will be assigned in **CANVAS**, and **no late quiz** will be accepted.

For each quiz:

- **No extensions** will be granted.
- **One submission** is allowed for each question.
- Submissions are due at **the end of class**.
- Each quiz is worth **10 points**.
- **One lowest score will be dropped** at the end of the course.

EXAMS

- There will be **two** exams (90 min-exams) in class.
- It is worth **120 points each**.
- All the exams are **closed book**.
- You may use **one 8.5 X 11-inch sheet of handwritten notes (one side)**.
- **PENCILS ONLY** must be used.
- **NO calculator, phones**, and **other aids** are allowed.
- There are **no dropped exams**.
- If the percentage of the lowest of your exam scores is lower than that of your final exam score, then the percentage of the lowest exam will be replaced by that of your final exam.

Missed Exam: There are **no makeup exams**, regardless of why you missed it. If you are unable to take the exam at the scheduled time due to illness or an emergency, I will then use your percentage from the final exam to compute your score for the missed exam. If a second exam is missed, you will get a zero.

FINAL EXAMS

- There will be a mandatory comprehensive final exam worth **200 points**.
- Final exam **must be taken on campus** on **December 10, Thursday at 4:00pm to 6:00pm**.
- The final exam will be comprehensive, covering all the material discussed during the sessions.
- Please make sure that you are still on campus at that time.
- Missing the final will result in a grade of "F" for the course.
- It is **closed book**.
- You may use **one 8.5 by 11-inch sheet of handwritten notes (both sides)**.
- **NO calculator, notecard, phones**, and **other aids** are allowed.
- There are **no makeup final exams**, regardless of why you missed it.

TIME COMMITMENT

The De Anza College catalog advises students to do at least two hours studying outside of class for each credit hour. That means you should be spending at least four hours on each homework assignment (reviewing the notes, reading the textbook, doing the homework problems, watching videos related to the course material.)

GRADES

Your grade will be based upon the total points earned, according to the following:

<i>Homework in MyOpenMath</i>	80 points
Three lowest percentages will be dropped	
Quizzes CANVAS (10 points each) One lowest score will be dropped.	80 points
Midterms (120 points each)	240 points
Final Exam	200 points
Total	600 points

550 to 600 points	A
530 to 549 points	A minus
510 to 529 points	B plus
490 to 509 points	B
470 to 489 points	B minus
450 to 469 points	C plus
420 to 449 points	C
360 to 419 points	D
Below 360 points	F

STUDENT RESPONSIBILITIES

1. It is your responsibility to keep up with the material even if you miss class.
Note: **No math questions will be acceptable over email.**
2. Students are responsible for any material covered and any announcements made in their absence. It is your responsibility to find and use all materials posted in CANVAS.
3. You are expected to attend all classes. If you miss class, please send me an email explaining the reason.
4. It is your responsibility to submit all assignments on time.
Note: There are no make ups, and no extensions will be granted.
5. If you plan on dropping the class, it is your responsibility to use "MyPortal" online or contact Admissions and Records office.
6. It is your responsibility to record all the scores you have earned, using a "Score Sheet."
7. Please type **"Math11- 25"** in the subject line when you contact me by email.
Your email will not be read without the course and section number in the subject line.

TUTORIAL HELP

- **SSC tutoring links and schedules:** go to the [SSC homepage](#) and click on the yellow link to add yourself to [SSC Resources Canvas](#). Once there, click on Modules then the SSC area for your course. <https://www.deanza.edu/studentsuccess/>
- **Support for online learning:** If you'd like to speak with someone about motivation and organization strategies for online classes, we encourage you to talk with a peer tutor or SSC staff member. We get it and are going through the same things, so let's support each other!
- **Need after-hours or weekend tutoring?** See the [Online Tutoring](#) page for information about NetTutor (via Canvas) or Smarthinking (via MyPortal).

ACADEMIC MISCONDUCT

Academic dishonesty will not be tolerated. If a student is found cheating on an exam, plagiarizing on writing assignments, or violating other codes of academic integrity, he or she will receive a failing grade for the course and may be reported to the college for an appropriate action. See section on Academic integrity in your current schedule of classes catalog. Please refer to https://www.deanza.edu/policies/academic_integrity.html

DISABILITY SUPPORT SERVICES

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see contacts below:

Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY (408) 864-8748

Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839

Special Education Division: 864-8407; www.deanza.edu/specialed

The application process can be found here: <https://www.deanza.edu/dsps/dss/applynow.html>

IMPORTANT DAYS TO REMEMBER

Oct 4, Sunday	Last day to add
Oct 4, Sunday	Last day to drop without a "W"
Nov 13, Friday	Last day to drop with a "W"

Fall 2026 Math 11 Tentative Course Schedule

	Section number	Topics
Week 1 Sep 22 and 24	1.1 1.2 1.3 1.4 1.5	Graphing a Linear Equation Slope of a Line Determining the Equation of a Line Applications More Applications
Week 2 Sep 29 and Oct 1	2.1 2.2 2.4 3.1 3.2	Introduction to Matrices Systems of Linear Equations: Gauss Jordan Method Inverse Matrices Maximization Applications Minimization Applications
Week 3 Oct 6 and 8	4.2 4.3 5.1 5.2	Maximization by the Simplex Method Minimization by the Simplex Method Exponential Growth and Decay Models Graphs and Properties of Exponential Growth and Decay Functions
Week 4 Oct 13 and 15	5.3 5.4 5.5	Logarithms and Logarithmic Functions Graphs and Properties of Logarithmic Functions Application Problems with Exponential and Logarithmic Functions
Week 5 Oct 20 and 22	6.1 6.2	Exam 1 (Chapter 1 to 5) on Oct 20 Simple Interest and Discount Compound Interest
Week 6 Oct 27 and 29	6.3 6.4 6.5 6.6	Annuities and Sinking Funds Present Value of an Annuity and Installment Payments Miscellaneous Application Problems Classification of Finance Problems
Week 7 Nov 3 and 5	7.1 7.2 7.3 7.4 7.5 7.6	Sets and Counting Tree Diagrams and the Multiplication Axiom Permutations Circular Permutations and Permutations with Similar Elements Combinations Combinations Involving Several Sets
Week 8 Nov 10 and 12	8.1 8.2 8.3 8.4	Sample Spaces and Probability Mutually Exclusive Events and the Addition Rule Probability Using Tree Diagrams and Combinations Conditional Probability
Week 9 Nov 17 and 19	9.1 9.2	Exam 2(Ch6 to 8) on Nov 17 Binomial Probability Bayes' Formula
Week 10 Nov 24 and 26	9.3 9.4	Expected Value Probability using Tree Diagrams No Class on Nov 26
Week 11 Dec 1 and 3	10.1 10.3 10.4	Markov Chains Regular Markov Chains Absorbing Markov Chains Last day of Instruction on Dec 3 Review for Final Exam
Week 12 Dec 10		Final Exam on Dec 10 at 4:00pm-6:00pm

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:

1:00 PM - 1:25 PM	S43	T,TH
6:15 PM - 6:40 PM	S45	T,TH