

Course Information:

Instructor: Pamela Ruiz

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Office: Tutorial Center Rm S-43

Office Hours: MF 11:15-12:15 in Room S-43 & TR 11:00- 12:00 pm (synchronously online) or by appointment.

Room #: DA-LCW13

Class Time: TR 1:30-3:45pm

Prerequisite: Passing grade (C or better) in M114 (Intermediate Algebra) or by Placement Exam

Materials:

1) Computer/phone/tablet access (Required) Assignments will be uploaded onto Canvas,(LMS). Download the Canvas app on your phone/tablet. [See instructions here](#). You can also upload assignments at tutoring center S-43 or LCW (Library West Computer Lab) where computers are available. If a conflict exists please come see me or send me an email.

2) Textbook (Optional): Applied Finite Mathematics new 3rd ed. 2016 by Sekhon/R.Bloom. Download @ <http://deanza.edu/faculty/bloomroberta/AppliedFiniteMath-3ed-Current.pdf>

3) Graphing calculator (Required): You will be allowed to use a graphing calculator for some assignments. (TI-83/84 is recommended & will be demonstrated). Any c-model in the TI-83 or TI-84 families of calculators are acceptable. We will learn how to use the calculator after we have understood and mastered the mathematical procedures. The calculator is not a substitute for *understanding mathematical procedures*. Your calculator fluency in this course will be used as a tool to understand and apply content. This skill will benefit you especially if you're going into a STEAM Career, which means you will take many more math courses that require calculator fluency. You may check out a calculator from the library – however, quantities are limited.

4) Graph Paper: For some written assignments, you will be asked to submit your homework on graph paper.

Grading Policy: Assignments must be submitted by the given deadline or special permission must be requested from instructor *before the due date*.

1. Classwork: 15%
2. Homework: 5%^[SEP]
3. Quizzes: 10%
4. Exams (2): 40%
5. Final Exam: 20%
6. Exam Corrections 10%

1. Classwork: The class will be composed of lecturing and class activities. The structure of the class will vary from day to day depending on the content and needs of the class. So some days I may lecture for a portion of the class, other days we will be working on class activities and other days a combination of both. During lecture notes must be taken and properly labeled. Classwork and lecture notes will be submitted via Canvas at the end of class as part of your CW. If you are absent you will receive a 0 for that day's CW. The CW's purpose is to apply and practice the material within groups. Explaining is the best way to deepen your understanding.

2. Online & Written HW: (skill-building & application problems) Instructions for online and written HW assignments are available on Canvas. You will submit assignments via Canvas. I will grade your HW for completion, rather than accuracy. It's your time to practice applying what you understand. If the assignment is incomplete you will get marked off. If you have a specific question be sure to come to office hours or the Tutoring Center S-43.

3. Quizzes: You will be given 6 quizzes during the quarter. I will drop the lowest quiz grade. The quizzes will be based on material covered in class and HW. The quizzes are intended to inform you and me of how you're doing in those sections so that you can reevaluate your study plan to improve your understanding. If you are absent you will not be able to retake/reschedule. You will simply receive a 0 and this will be your lowest quiz grade that will be dropped.

4. Exams: There will be 2 in-class exams during the quarter. These exams will last approximately an hour and will emphasize material covered in class, classwork and homework. You will need to show your understanding. No make up exams will be given, even if the absence is excused. If you miss one exam, I will give you a "filler" score based on an average of the other exams including the final. Each exam will be worth 20% of your grade.

*Note -If English is a second language, a print (not electronic) English translation dictionary is allowed for exams/quizzes.

5. Final Exam: Tuesday June 26th 1:45-3:45 p.m.

If you cannot take the final exam at the scheduled time, please do not enroll in this class. I cannot make accommodations for different final exam times.

6. Exam Corrections: There will be two in-class exams during the quarter. After each exam you will need to complete exam corrections. This means that you will re-do every problem you got a mistake on. And in complete sentences, explain how to solve the problem accurately. I will grade your corrections for completion rather than accuracy. It's your time to practice and correct your misunderstandings. Thus you will be graded on effort. If the assignment is incomplete you will get marked off. Make sure that you understand the corrected mistakes. This practice will deepen your understanding of the material.

OVERALL GRADING: Ultimately this course is graded A, A-, B+, B, B-, C+, C, D, F. **In order to pass this course you must receive a C or higher. If you receive a D or lower you must repeat the course.**

Percentage	Grade		De Anza GPA Scale
93-100	=A		A = 4.0
89-92	=A-		A- = 3.7
87-88	=B+		B+ = 3.3
83-86	=B		B = 3.0
79-82	=B-		B- = 2.7
77-78	=C+		C+ = 2.3
68-76	=C		C = 2.0
60-67	=D	Repeat M11	D = 1.0
0-59	=F	Repeat M11	F = 0

How you will succeed in this math class:

- 1) **Attend and be present in** every class lecture. You are expected to attend all classes, arrive on time & stay for the entire class. Late arrival/early departures are disruptive to the class and to your classmate’s learning. I understand that life happens and that you must occasionally be late or miss but setting time aside to invest in your learning is essential for your success in this course. If you are absent it is your responsibility to get your notes and any handouts you missed.
- 2) **Understand and complete** every homework, exam correction, and classwork assignment. If you don't understand please come to my office hours or Tutoring Center (S-43) so that we can support you. That’s what we are here for.☺
- 3) **Make mistakes and have a growth mindset.** Math is the language of almost everything we use today in our daily lives. However learning it takes time, practice, persistence, creativity and patience. It’s my job to support you in this process but you must put forth your effort. Embrace the challenge and enjoy the class.
- 4) **Participate** by asking questions! Everyone will benefit from your question!
- 5) **Make sure you form study groups.** Work with your classmates to complete the HW and exam corrections. Explain the content to each other! It deepens your understanding and you support someone else as well☺ Follow the Academic Integrity Policy.
<http://www.deanza.edu/studenthandbook/academic-integrity.html>

Additional Information:

Adding/Dropping: The class is structured to support your development of the material. For that reason your presence is essential. It is your responsibility to email me if you cannot attend class. You will not be automatically dropped for nonattendance. However, I reserve the right to drop students who miss more than 5 classes during the quarter or who miss any classes in the first two weeks you. Visit <https://www.deanza.edu/calendar/springdates.html> for specific dates.

Religious Holiday: If you observe a religious holiday during the term, please inform me so that I can make any necessary adjustments to the calendar.

Classroom Expectations:

Be respectful and polite to yourself, your classmates and me. Private conversations are disruptive to your peers and me. Save private conversations for before or after class so that all students can hear and pay attention. Students disrupting class may be asked to leave the classroom or may be dropped from the class.

Electronic devices should be turned off & put away at all times before class: if your device makes noise or disrupts class, it interferes with other students' ability to learn; you may be asked to leave.

Stay hydrated! Water carries oxygen to your brain so if you get drowsy get some H₂O. Content will get complex at times which requires cognitive energy so it's essential that your brain be at its optimal hydrated state.

This class will require perseverance and determination on your end. If you are studying and reading the materials but you still seem confused please come to my office hours or the Tutoring Center so we can find a better study plan for you. Have fun and ask questions.

Additional Resources:

- Your peers! Form study Groups!!
- **Math Science & Tech Tutoring Center Room S-43.** Free tutors and great study space! For more details <http://www.deanza.edu/psme/index.html>
- **1st Year Experience Program (FYE)** Supports first generation college students with recourses to ensure success in first year courses. Visit <https://www.deanza.edu/ssrsc/fye.html>
- **PUENTE** Supports historically under-served students who want to transfer to four-year colleges and universities, finish their degrees and return to their communities as leaders and mentors. Visit <https://www.deanza.edu/puente/>
- **UMOJA** Provides supportive services and curriculum that is based on literature from across the African Diaspora. Visit <https://www.deanza.edu/ssrsc/umoja/index.html>

- **EOP** Provides tutoring services specifically for students who are eligible for financial aid. Visit <https://www.deanza.edu/eops/eligibility.html>
- **Disability Support Services (DSS)**- To obtain disability-related accommodations, students must contact the Disability Support Services (DSS) as early as possible in the quarter. To contact DSS, you may:
 - Visit DSS in student community services building, room 141
 - Email DSS at www.deanza.edu/dss
 - Call DSS at 408.864.8753 to make an appointment
 - *If you already have an accommodation notification from DSS, please contact me privately to discuss your needs.

Note: YOUR ENROLLMENT IN THIS COURSE **SIGNIFIES YOUR AGREEMENT TO ADHERE TO THE RULES AND CONDITIONS OF THIS CLASS.** Please read this and make sure you understand its contents fully, and then put this sheet in a safe place where you can easily refer to it.

Important Note: Any form of academic dishonesty, including cheating and plagiarism, may be reported to the office of student affairs.

Course policies are subject to change. I will email you directly if there are any additional changes

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.