MATH 11.50Z – Winter 2023

Finite Mathematics

De Anza College

Text: Applied Finite Mathematics, 3rd Ed, R. Bloom and R. Sekhon (available free online, link in Canvas Introduction Module)

Instructor: Leah Lane

Office Hours: Thursdays 10-11am (messaging or individual Zoom meeting)

Email: laneleah@fhda.edu

Disclaimer: All information in this syllabus is subject to change. If there are changes, I will announce them via email.

Student Learning Objectives: Upon completion of this course, you should be able to:
– 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 principals of the time value of money

Course Description, Prerequisites, & Outline of Required Topics: Course Outline (deanza.edu)

Class Requirements:
1. Canvas (this course requires you check our class Canvas page daily).
2. Email – This will be the primary mode of communication throughout the quarter, and given our instruction is online, it is imperative that you receive and read these messages. Please make sure the college has the correct email address on file for you, this course requires that you check email daily.
3. A standard calculator is fine. There may be a time in the course where a graphing calculator is needed – you can either use Desmos or download a free trial of the TI-83 or TI-84.

Canvas Class Setup: **This class is asynchronous, so lectures are pre-recorded and you do not need to be online at any particular times during the week.** You can work on course material when you are able throughout the given week. The course will be divided into weekly modules in Canvas. Weeks will run from Monday to Sunday, so any work for the week will be due Sunday night. Exams and quizzes will be open from Monday at 6am to Tuesday 11:59pm and will be timed. Outlines for the upcoming work for the week will be sent out via email.

Course "Attendance": As the quarter gets moving, attendance is **required** via actively participating online. I will drop any student who has not logged onto the Canvas course and completed the Week 1 assignments by Sunday, January 15th. If you fail to complete assignments 2 weeks in a row, I may drop you from the course, however students are responsible to drop or withdraw if they so need.

Grading: Letter grades will be calculated based on the following percentages:

A:	92.5 - 100%	C+:	76.5-79.49%	F:	59.49% and below
A-:	89.5 - 92.49%	C:	69.5-76.49%		
B +:	86.5-89.49%	D+:	66.5-69.49%		
B:	82.5-86.49%	D:	62.5-66.49%		
B-:	79.5-82.49%	D-:	59.5-62.49%		

Scores will be weighted as follows:
Exam 1: 20%
Exam 2: 20%
Exam 3: 20%
Quizzes: 15%
Final Exam: 25%

Homework: Homework will be assigned but will not be collected nor graded. To succeed in this course, you need to complete the assigned homework and check your answers. Quizzes and exams will be made up of similar problems from your homework. You are encouraged to collaborate on homework.

Quizzes: Quizzes will be given throughout the quarter to check your progress and will take place most weeks when there is no exam scheduled. **No make up quizzes will be given**. Your lowest Quiz score will be dropped.

Exams & Final Exam: There will be 3 exams throughout the quarter in addition to the final exam. **No make up exams will be given**. Your lowest exam grade will be replaced with your final exam grade if your final exam grade (as a percentage) is higher. The final exam will be cumulative. The Final Exam dates are mandated by the college, but the dates for Exams 1-3 are tentative. Any changes will be announced via email.

- Exam 1 opens Monday 1/30
- Exam 2 opens Monday 2/20
- Exam 3 opens Monday 3/13
- Final Exam opens Monday, 3/27

Academic Integrity: Cheating and academic dishonesty are not tolerated and can result in a grade of 0 on the assignment and referral to the Dean for academic discipline. Any grade of 0 due to cheating will not be dropped. This is a collaborative class and you are encouraged to work together on assignments other than exams and quizzes, but submitting someone else's work as your own is never acceptable. You are required to work alone on exams and quizzes using only your class materials, no outside resources.

Educational Access: For information/ questions about eligibility, support services or accommodations due to disability (physical or learning disability) see below. Also, please see the instructor to discuss your situation.

- 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

Please Note: If you have any circumstances of which I should be aware, please notify me ASAP. The more time I have to address issues, the more likely it is I can help! Please don't hesitate to contact me if you have extenuating circumstances.

Important Dates:

January 9th	Quarter begins
January 21st	Last day to add
January 22nd	Last day to drop without a "W"
March 3rd	Last day to withdraw with a "W"
March 27th	Final Exams week

***Check college schedules to confirm dates shown in this syllabus

Work Guidelines: I would like to see the process of solving the problem reflected in step-by-step solutions. The following are some specific criteria.

1. Documents submitted to Canvas need to be .doc, .docx, .jpeg, or .pdf. If you take photos of your work, please compile all photos into a word (or PDF) document and upload that into Canvas. **I can not open .HEIC or .pages files**, so unfortunately all .HEIC and .pages files will receive zeros. Please double check file type!
2. Your full name should be in the upper right hand corner of the page.
3. All work should be done in pencil. Please erase, do not scribble out.
4. Please write carefully and neatly and make sure the document uploaded right-side-up. I can't grade it and give you any credit if I can't read it. Uploading, downloading, and trying to read online wreaks havoc on my ability to decipher anything but very clear, concise writing.
5. Please write out the problem and show all steps involved in solving the problem in order to receive credit.
6. Please box your final answer.
7. After you have uploaded your document, please go back in and double check the upload was successful and the page is loaded right side up (not upside down or sideways) to ensure I will be able to read and grade it.

Additional Resources: Help for getting accustomed to Canvas and online learning (there is a ton of information here!): http://deanza.edu/online-ed/students/remotelearning.html

Help with topic material:
www.khanacademy.org
This is a phenomenal resource – topic videos, examples, and even practice. Given our online format, I highly recommend using khan academy to fill in the gaps!

De Anza offers free tutoring! https://www.deanza.edu/studentsuccess/mstrc/

Online graphing calculator: https://www.desmos.com

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:

TH	10:00 AM	11:00 AM	Zoom,Canvas