Math 11: Finite Math
Spring 2017, De Anza

Instructor: Kelly Lundstrom
Email: lundstromkelly@fhda.edu
Course Info: Math 11 - 21, TTh 1:30 PM – 3:45 PM, Room S46
Office: Tutorial Center S43
Office Hours: Monday & Wednesday 9:30 AM – 10:15 AM, Thursday 11:30 AM – 12:30 PM

Prerequisite: Math 114 Intermediate Algebra with grade of C or better; or equivalent placement

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.

Student Learning Objectives:
- 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.

Textbook: Applied Finite Mathematics new 3rd ed. 2016, by R. Sekhon/R. Bloom
- FREE pdf file online
  http://deanza.edu/faculty/bloomroberta/AppliedFiniteMath-3ed-Current.pdf
- FREE Answers to most odd problems can be found here
  http://deanza.edu/faculty/bloomroberta/math11.html
- Print version of textbook can be purchased through Campus Bookstore if desired (~ $35)

Materials: TI-83+ or TI-84+ graphing calculator, paper, graph paper, pencils and eraser are required daily. Note, you may not use a cell phone calculator or borrow calculators on any quizzes or exams. Be prepared!

Tutoring Services: The De Anza campus has a tutorial center for math students where students can get "drop in" help. The tutorial center is located in room S-43.

Student Conduct: Do not cheat. If you have a question during a test, you are only allowed to talk to the instructor. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division. You can be expelled from the class and possibly from De Anza College with a grade of F if you are caught cheating.

Classroom Behavior: Please do not use cell phones during class. I do not want to hear or see them. If you must answer a call, please leave the room to do so.

Attendance: Students are expected to attend every class meeting. If you miss a day, it is your responsibility to seek out another student or myself to find out what you missed.

Homework: Homework will be assigned each class meeting and will be collected and graded on Tuesdays at the start of class. **Late homework will not be accepted for credit.** Each section of the homework will be graded out of 10 points; 5 points for completion/effort and 5 point based on the accuracy of randomly selected problems. You must show work to get any credit; only providing answers will give you a score of zero on a homework assignment. Mini projects may be assigned and will go into the homework category. You should expect to spend a *minimum* of 2-3 hours per class meeting for homework. You must be willing to put in time to get results out!

Quizzes: Unannounced or announced quizzes and calculator activities will occur throughout the semester to test your skills on the concepts we are covering in class. Quizzes will be closed notes. **NO** make-up quiz will be given, and a missed quiz earns a zero. I will drop your lowest quiz score.

Midterms: I will give three, 1 hour in class exams during the quarter. No notes will be allowed on any exams. These exams will be completed in class and will contain the materials covered in the lectures and book. If you are unable to take an exam for any reason, **a makeup exam will not be given**. A missed midterm exam earns a zero. I will replace your lowest midterm exam with the percentage of your final exam, provided it is higher. Each midterm is weighted equally, as 15% of your final grade.

Final Examination: If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Tuesday, June 27 from 1:45 PM – 3:45 PM.**

Grade Breakdown:
Homework: 15%
Quizzes: 15%
3 Midterm Exams: 45%
Final Exam: 25%

Letter Grade Earned:

A: 93 – 100%	B+: 87 – 89%	C+: 77 – 79%	D: 60 – 69%	F: 0 – 59%
A-: 90 – 92%	B: 83 – 86%	C: 70 – 76%		
	B-: 80 – 82%			

Important Dates:
• The last day to add classes is Saturday, April 22.
• The last day to drop for a full refund no record of grade is Sunday, April 23.
• The last day to request pass/no pass grade is Friday, May 5.
• The last day to drop with a "W" is Friday, June 2.

Disabled Services: Disabled Services is designed to provide customized services to meet the needs of students with disabilities. Staff is committed to assisting physically, communication or learning disabled persons to participate in the educational process and achieve their goals. **Any student needing accommodations must supply a written verification/exam form and give me at least 48 hours notice**. I am happy to accommodate your needs.

Tentative Schedule for Math 210, Spring 2017

Week	Tuesday	Thursday
1	April 11 Sections 1.1 – 1.3	April 13 Sections 1.4-1.5
2	April 18 **HW 1.1-1.5 due** Sections 2.1-2.3	April 20 Sections 2.4-2.6
3	April 25 **HW 2.1-2.6 due** Sections 3.1-3.2	April 27 Review
4	May 2 **HW 3.1-3.2 due** **Exam 1**	May 4 Sections 4.1-4.3
5	May 9 **HW 4.1-4.3 due** Sections 5.1 – 5.3	May 11 Section 5.4 – 5.5
6	May 16 **HW 5.1-5.5 due** Sections 6.1 – 6.3	May 18 Sections 6.4 – 6.6
7	May 23 **HW 6.1-6.6 due** Review	May 25 **Exam 2**
8	May 30 Sections 7.1- 7.4	June 1 Sections 7.5-7.7
9	June 6 **HW 7.1-7.7 due** Sections 8.1-8.4	June 8 Sections 8.5, 9.1-9.2
10	June 13 **HW 8.1-8.5, 9.1-9.2 due** Sections 9.3, 9.4, 10.1	June 15 Sections 10.2-10.4
11	June 20 **HW 9.3, 9.4, 10.1-10.4 due** Review	June 22 **Exam 3**
12	June 27 **Final Exam** **1:45 – 3:45 PM**	**No class**

This syllabus is subject to change at the instructor's discretion. Changes will be discussed in class.