Math 11 – 63, Finite Mathematics   Academic Term: Fall 2019

Instructor: Bijan Sadeghi   email: sadeghibijan@fhda.edu

CRN (01535), TTh 6:30 – 8:45 Pm, E32

Prerequisite: Qualifying score on the Math Placement Test within the past calendar year; or Mathematics 114 or equivalent with a grade of C or better. Advisory English Writing 211 and Reading 211 (or Language Arts 211), or English as a second Language 272 and 273.

Course Description:

Application of linear equations, sets, matrices, linear programing, mathematics of finance and probability to real – life problems. Emphasis on the understanding of modeling process, and how mathematics is used in real-world applications.

Textbook: Applied Finite Mathematics, by Rupinder S. Sekhon, 2nd edition.

Visit cnx.org for free copy, or buy a hard copy at the bookstore.

https://www.deanza.edu/faculty/bloomroberta/documents/sekhonappliedfinitemathematics-small.pdf

Attendance: Attendance is mandatory, and counts as twenty five points of your total grade. Every absence, tardiness, or early departure for any reason results in a loss of 5 points, and more than three absences may result in a Drop Policy: A student who discontinues coming to class and does not drop the course will get an F. It is student's responsibility to drop the course.

Exams: See the calendar for dates. There will be three midterm exams. Exams are not made up. The final exam is required and it is comprehensive. Any student not taking the final exam receives an F for the course. For the final exam, bring a small scantron.

Grading:	Quizzes and homework	100 points	A: 90 – 100%
	3 midterms	300 points	B: 80 – 89%
	Attendance	25 points	C: 70 – 79%
	Final Exam	100 points	D: 60 – 69%
	Total	525	F: 00 – 59%

Sept.	24 1.1 – 1.3	26 1.4 – 1.5' 2.1	Oct. 1 2.2 – 2.3	3 2.4 – 2.5
Oct.	8 3.1 – 3.2	10 4.1 – 4.2	15 Review, 5.2	17 **Exam 1** Chs. 1, 2, 3
Oct.	22 5.3 – 5.4	24 5.5 – 5.6	29 6.1 – 6.2	31 6.3 – 6.4
Nov.	5 6.5 – 6.7	7 Review **Exam 2** Chs 4, 5, 6	12 7.1 – 7.2	14 7.3 – 7.4
Nov.	19 7.5, 8.1	21 8.2, 8.3, 8.4	26 **Exam 3** Chs 7 , 8	28 thanksgiving
Dec.	3 9.1 – 9.3	5 10.1 – 10.3	10	12 **Final** 6:15 – 8:15 PM

Oct. 5th   Last day to add classes

Oct 6th   Last day to drop classes for full refund

Oct 6th   Last day to drop classes without a "W"

Nov 15th   Last day to drop classes with "W"

<u>Student Learning Outcome(s):</u>

*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.