

Instructor: Misako van der Poel
Email: van_der_poelmisako@fhda.edu

Office Hours: S43 (Tutorial Center)
M&W: 3:05pm-3:55pm

Math 11 Finite Mathematics

Fall 2017

COURSE

Section: 61 Course Number: 21742 Time: 6:30p.m. – 8:45p.m. MW Classroom: G7

MATERIALS

APPLIED FINITE MATHEMATICS (3rd edition) by R.Sekhon/R.Bloom

- Free pdf file on line
<http://www.deanza.edu/faculty/bloomroberta/AppliedFiniteMath-3ed-Current.pdf>
- 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)

OTHER REQUIRED MATERIAL

- **PENCILS ONLY** must be used for all work in this class. (worksheets, quizzes, and exams).
Student work written with pen will not be graded and will receive “0” points.
- **Print out all the handouts** posted on MyPorotal.

COURSE DESCRIPTION

This course includes application of linear equations, set, matrices, linear programming, mathematics of finance and probability to real-life problems. It also includes an emphasis on the understanding of the modeling process, and how mathematics is used in real world applications.

STUDENT LEARNING OUTCOMES

After completion of the course, students will 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 principles of the time value of money.

PREREQUISITES

Qualifying score on the Math Placement Test within the past calendar year; or Mathematics 114 or equivalent with a grade of C or better.

HOMEWORK

Homework will be assigned from every section covered in class. I will collect your homework at the start of the class. Late homework will not be accepted. However, I will ONLY take one homework packet late. You can turn in homework early. Please read “**Homework Guidelines.**”

EXAMS

There will be **two** exams. Each exam is worth **150 points**. The exams are closed book. You may use **one 3" by 5" index card (both sides)** for notes. There are **no dropped exams**. If you take an exam and don't do well on it, you cannot drop that score. If you take an exam, the score for it will count towards your grade.

Missed Exam: There are **no make-up 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 minus 10% to compute your score for the missed exam. (Example: Your score on the final exam is 80%. I will take 70% of 100 to compute your exam score.) If a second exam is missed, you will get a zero.

FINAL EXAMS

There will be a mandatory comprehensive final exam worth **200 points**, and this exam must be taken during the scheduled exam time on **Dec 13 at 6:15pm-8:15pm**. The final will cover all the material discussed during the semester. Missing the final will result in a grade of "F" for the course. You may use two 3" by 5" note cards (both sides) for notes.

QUIZZES

Pop-quiz questions will be given at the end of class. There are **no make-up quizzes**, regardless of why you missed it.

GRAPHING CALCULATORS (Required)

The TI-83, TI-83 plus, TI-84, or TI-84 plus are recommended for the students. Calculators that does symbolic logic, such as TI 89 , 92, or HP-49 are NOT allowed to use on quizzes and exams. Useful links: [Online user's manual for all TI calculators](#)

READINGS

Read the textbook every day before the topics come up in class or in the homework.

GRADES

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

Homework	100 points
Quizzes	100 points
Midterms	300 points
Final Exam	200 points
Total	700 points

640 – 700 points	A
620 – 639 points	A-
600 – 619 points	B+
580 – 599 points	B
560 – 579 points	B-
540 – 559 points	C+
480 – 539 points	C
400 – 479 points	D
Below 400 points	F

The De Anza College catalog advises students to do at least 2 hours of work outside the classroom for each hour spent in class.

TUTORIAL HELP

Math Tutorial Center in S43

If you need help in the course, check Math Tutorial Center in S43 for FREE INDIVIDUAL, DROP-IN or GROUP TUTORING. Free tutoring usually available and depends on availability of tutors & funding.

Student Success Center

Meet with tutors and attend workshops in the Student Success Center:

www.deanza.edu/studentsuccess.

Can't make it to campus?

Use the free online tutoring available to all De Anza students. Just login to [MyPortal](#), go to the Students tab, and find the Smarthinking link. For more information, go to

deanza.edu/studentsuccess/onlinetutoring/

STUDENT RESPONSIBILITIES

1. It is your responsibility to keep up with the material even if you miss class. If you miss a class, it is your responsibility to get the notes from someone else in this class. Also, discuss the notes with others then come ask me questions about the material.

Note: I will not answer Math questions over email.

2. Students are responsible for any material covered and any announcements made in their absence.
3. It is the students' responsibility to inform the instructor if she/he is absent. Dropping or withdrawal from the class is the students' responsibility. A student who stops coming to class and does not drop will get an **F** grade. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or go to the Admissions and Records office.

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.

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

CLASSROOM CONDUCT

Attendance:

Your attendance is vital to your success in this class.

1. During the first two weeks of the quarter, I will drop students for lack of attendance, to give room to students on the waitlist. So if you have to miss a class during the first two weeks, it is crucial that you contact me.
2. Any student with a total of four absences in the quarter may be dropped from the course. Note that two instances tardiness results in one absence and also any instance of leaving class early will be treated as a tardy.
3. A person is tardy to class if he/she is not in his/her chair when the class starts. Plan to attend class regularly, arrive on time, and stay for the whole class.

Unauthorized Electronic Devices - cell phones, laptops, iPads, iPods, AppleWatch etc.:

1. Any unauthorized electronic devices and all cell phones must be turned off and must not remain on a student's desk during class.
2. No electronics devices, such as laptops or iPads are not allowed to use during class.
3. No texting on your cell phone is allowed during class.

Classroom Etiquette:

1. No eating or chewing in class.
2. No talking except to ask questions of the instructor or answer questions posed by the instructor. Even one side conversation can carry throughout the room and distract other students.
3. Students who are disruptive will be removed from the course.

Consequences for Disruptive Behavior:

First incident (not severe) – discussion and verbal warning

Second incident –

1. Dismissed for the remainder of the class and possibly the next class period.
2. A disruptive behavior report will be written and sent to the Dean of Student Services
3. Division Dean will be informed
4. A meeting during office hours will be required to write up an agreement on future behavior in class.

Third incident –

1. Dropped from the class.
2. Disruptive Behavior Report will be written and sent to the Dean of Student Services.
3. Division Dean will also be informed.

IMPORTANT DAYS TO REMEMBER

Saturday, Oct 7	Last day to add quarter-length classes
Sunday, Oct 8	Last day to drop for a full refund or credit .
Sunday, Oct 8	Last day to drop a class with no record of grade.
Friday, Nov 17	Last day to drop with a "W"

Fall 2017 Math 11 Course Schedule		
	MONDAY	WEDNESDAY
Sep	25 First day of Instruction Review of Math 1A 1.1– 1.2	27 1.3– 1.5
Oct	2 2.1 – 2.3	4 2.4 – 2.6
Oct	9 2.6 & 3.1– 3.2	11 3.2 & 4.1–4.2
Oct	16 4.2 – 4.3	18 5.1 – 5.3
Oct	23 5.3 – 5.5	25 Review
Nov	30 Exam 1 (Ch 1,2,3,4,& 5)	1 6.1 – 6.3
Nov	6 6.4 – 6.6	8 7.1 – 7.3
Nov	13 7.3 – 7.5	15 7.6 & 8.1 – 8.2
Nov	20 8.3 – 8.5	22 9.1 – 9.3
Nov	27 9.4 & Review	29 Exam 2 (Ch 6,7,8, & 9)
Dec	4 10.1 – 10.3	6 Last day of Instruction 11.1– 11.3
Dec	11	13 Final Exam 4:00pm-6:00pm