

**Syllabus for Math 11 Finite Math
Fall 2016
Physical Science, Mathematics and Engineering
Division**

Course: Math 11 Finite Math, 5 units, CRN 01533

Instructor: Lance Lund

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Office Hours: Tuesday 12:30 - 1:30 pm, Room MLC 112

Text: Finite Mathematics, 11th Edition by Michael Sullivan with WileyPLUS

Optional / Recommended Materials: Plotting calculator such as TI-83 or TI-84

Class Hours and Location: 1:30 – 3:45 pm Tues and Thurs, Room MLC 112

Prerequisites: Completion of Math 114 or equivalent with grade of C or better

Grading:	Class Participation	5%
	Homework	20%
	2 Midterm Tests	50%
	Final Exam (Comprehensive)	25%

	Total	100%

Course Description:

The course will cover applications of linear equations, exponential and logarithmic functions, sets, matrices, linear programming, mathematics of finance and probability to real-life problems. Emphasis will be on understanding the modeling process and how mathematics is used in real-world applications.

The following sections in the textbook cover the above topics and the order in which they will be discussed: Chapters 1-4, 5 (partial), 6-7, and 8 (partial).

Student Learning Outcome Statements (SLO'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.

Expectations:

Students are expected to attend class on time and prepare for each lecture by reading the appropriate sections of the textbook and posted lecture notes to better understand the material presented in class. Copies of all course lecture notes will be posted on the online tool Course Studio in MyPortal.fhda.edu. Students are expected to participate in class discussions and are encouraged to ask questions about any of the material. Notify me by email or in person prior to any expected absences.

Homework:

All homework will be done on online using WileyPLUS and must be completed by the specified due date. Each student is expected to keep a notebook showing all work leading to a solution. Collaboration on homework is allowed and encouraged. Each homework assignment in the notebook should be legible and clearly labeled with the problem number and due date in the top left corner of the page. The notebook will be collected at the end of the quarter and graded. The homework scores and the notebook grade will contribute equally to the homework grade. The homework grade counts as 20% of the final grade.

Student Help Resources:

In addition to instructor office hours, the following student resources are available:

Need help? Meet with tutors and attend workshops in the Student Success Center: www.deanza.edu/studentsuccess.

Can't make it to campus? Free online tutoring available to all De Anza students. Just login to MyPortal, go to the Students tab, and find the Smarthinking link. You can work with a tutor live (hours vary by subject) or post a question or piece of writing for a response. Smarthinking tutors can also help you with personal statements for transfer! For more information, go to deanza.edu/studentsuccess/onlinetutoring/

Please see instructor during office hours to discuss your situation confidentially if you have accommodations; you should see the instructor during the first week of class or as soon as you receive approval from the appropriate support service. For information about eligibility, support services or accommodations due to physical or learning disability see: Disability Support Service (DSS): www.deanza.edu/dss Location: SCS-141 (408) 864-8753; TTY (408) 864-8748

Educational Diagnostic Center (EDC): www.deanza.edu/edc Location: LCW 110; (408) 864-8839

Special Education Division: www.deanza.edu/specialed (408) 864-8407

Important Dates:

- Oct 9 Last day to drop
- Oct 14 Last day to request Pass/No Pass
- Nov 8 Last day to drop with "W"
- Dec 13 Final Exam

Midterm Tests

Two midterm tests will be given. The midterm tests are "open book and open notes" tests. Make-up tests will not be given for midterm tests. Each midterm test counts as 25% of the final grade. If one midterm test is missed, the score of the other taken midterm test will be assigned to the missed midterm test. If two midterm tests are missed, they both will be assigned a score of zero.

Final Exam:

The final exam will be an "open book and open notes" comprehensive exam. Make-up tests will not be given for the final exam. The final exam counts as 25% of the final grade.

