

Precalculus III (Math 43)

Winter 2017, De Anza College
G7, MW 6:30pm – 8:45pm

Instructor: Hai-Nguyen Au

Office Hours: Mon/Wed 12:30pm-1:00pm, E37

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Textbook and Required Materials:

- Larson: Precalculus with Limits; 3rd Ed.: We will not be using WebAssign in this class. It is recommended but not required that you bring your book to each class meeting.
- Graphing calculator: Recommended calculators are TI-83, TI-83+, TI-84 and TI-84+. If you have another graphing calculator, please have it approved by the instructor before the first quiz. Calculators that do symbolic logic (e.g. TI-89, TI-92, HP-49, etc.) will not be permitted during quizzes and exams. Your phone is not your calculator. If you have your phone out during a quiz or test, you will receive a zero on that assessment, no exceptions.

Student Learning Outcome

- Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
- Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
- Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.

Attendance: Regular, punctual attendance at all class meetings is expected of each student. Students absent during the first week of class will be dropped unless they contact the instructor. If you miss a class, you are responsible for covering the material before you return to class. You should read the corresponding section(s) of the textbook and get notes from a classmate. You are also responsible for knowing about any changes to the syllabus and/or schedule that may be announced in class.

Homework: Homework problems will be assigned from the textbook. You must write the solutions to your homework problems in a separate notebook (do not use your notebook for lecture notes!!!). Please write the section numbers clearly. Your notebooks will be collected and graded during the exams for completeness.

Quizzes: There will be in-class quizzes that will usually take place on the first day of the week. Quiz dates are listed on the calendar. Books and/or notes will not be permitted during quizzes unless otherwise announced. Two lowest quiz scores will be dropped. There are no make-up quizzes.

Exams: Three exams will be given. Exam dates are listed on the calendar. Each of the midterm exams will focus the material covered since the previous test. A missed exam will count as 0 points; make-up exams will not be given for any reason.

Final Exam: Wednesday March 29: 6:15-8:15 pm.

Grading:

Homework	20%
Quizzes	10%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	20%
Participation	5%

Quarter grades

A: 93 – 100%	A-: 90 – 92%	
B+: 87 – 89%	B: 83 – 86%	B-: 80 – 82%
C+: 76 – 79%	C: 70 – 75%	
D+: 67 – 69%	D: 63 – 66%	D-: 60 – 62%
F < 60%		

Academic integrity. Cheating will not be tolerated and will result in a grade of 0 for the assignment, quiz or exam and referral to the dean for academic discipline. Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction. For more information about De Anza College's policy on academic integrity see: <http://www.deanza.edu/studenthandbook/academic-integrity.html>

Disabilities. If you need course adaptations or accommodations due to a disability, or if you need special arrangements in case the building must be evacuated, please contact them as soon as possible. More information can be found here: <http://www.deanza.edu/dss/>

Tutoring. The Math and Science Tutorial Center in Room S43 offers free tutoring on Monday –Thursday from 9:00 am – 5:30 pm and Friday 9:00 am – 12:00 noon. More information can be found here: <http://www.deanza.edu/studentsuccess/mstrc/>

Tentative schedule

	Mon	Wed
Week 1 (01/09)	7.1	7.3
Week 2 (01/16)	<i>Martin Luther King (no class)</i>	Quiz 1 7.5, 8.1
Week 3 (01/23)	8.2, 8.3	Quiz 2 8.3, 8.4
Week 4 (01/30)	Exam 1 8.5	9.1, 9.2
Week 5 (02/06)	Quiz 3 9.3	9.5
Week 6 (02/13)	Quiz 4 10.6	10.7
Week 7 (02/20)	<i>Presidents' Day (no class)</i>	Exam 2
Week 8 (02/27)	Quiz 5 10.8	10.9
Week 9 (03/06)	Quiz 6 11.1, 11.2	11.3
Week 10 (03/13)	Exam 3	11.4
Week 11 (03/20)	Quiz 7 Supplement: Hyperbolic functions	Review
Final Week (03/27)		Final Exam