

Course Information

MATH 43.09 Precalculus III: Advanced Topics, Winter Qtr 2015, De Anza College

Class Meetings: M-F 11:30 am – 12:20 pm, MLC 105

Instructor: Erik Houser

Email Address: housererik@fhda.edu

Office Hours: T/F 10:45 am – 11:15 am, S43 (Math Tutoring Center)

Prerequisites:

Mathematics 41 and 42 (both with a grade of C or better); or a satisfactory score on Calculus Readiness Test within the last calendar year.

Student Learning Outcomes for MATH 43

- 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

Materials

Textbook: *Precalculus with Limits, 2nd edition*, by Larson. ISBN: 978-1-4390-4909-9 (**optional**). WebAssign access code (**required**), can be purchased from a campus bookstore or online at ~ <http://www.webassign.net>, Graphing calculator (**recommended**) - TI-83 or TI-84. Scientific calculator (**required**); a graphing calculator satisfies the scientific calculator requirement. ****Smart phone calculators are NOT permitted for exams or quizzes in this class****

Web Assign Class Key will be given in class. Any student that is not enrolled in WebAssign and caught up on homework by Monday, January 12 may be dropped from the course.

Any student that does not have full paid access to WebAssign by Saturday January 17 will be dropped from the course.

Attendance Policy

Regular class attendance is expected. Students missing any day the first week will be dropped from the course. A student may be dropped from the class if she/he is absent **three** times. Dropping or withdrawal from the class is the students' responsibility. A student who stops coming to class and does not drop by Feb. 27 will receive an “**F**” grade. It is the students' responsibility to inform the instructor if she/he is going to be absent, and will be responsible for any material covered/announcements made on the day of the absence. An “excused absence” is an absence due to a medical emergency or some other unavoidable situation that is proven with documentation/evidence.

Students will earn 1/5 of a point for each day of attendance as extra credit, up to 10 points.

Classroom Etiquette/Course Format

The classroom is a learning environment. No cellular phones or computers should be in use during lecture. Once lecture begins, there should be no “social” conversations. I expect that each student will give their best effort to be attentive and participate in the classroom discussions. All students are expected to respect the learning of others and should refrain from disruptive/disorderly conduct or any acts that could negatively impact the classroom learning environment. There should be no derogatory/negative comments about classmates or any communications that could be perceived as ridicule, and students should not be asking their classmates for clarification of topics during lecture.

Every student is expected to show up to class prepared to learn. This means that students should arrive ON TIME, have ALL required materials, and be prepared to focus on course content for the duration of the class period. Students are expected to give their best effort in every aspect of this course and complete all problems given as examples in the classroom, and those assigned for homework. In addition, students are expected to adhere to the tenets of the Foothill/De Anza Community College District Student Code of Conduct.

Cheating/Academic Dishonesty will not be tolerated; this includes copying the work of another student's review assignment or classwork results. Instances of cheating/academic dishonesty will be dealt with in accordance with De Anza College's policy, and may result in an “**F**” grade for the course.

Homework will be assigned EVERY class day that new material is presented, and will be completed online. There will be six classwork assignments, three quizzes, two mid-term exams, and a comprehensive final exam.

Grading Policy

Your grade in this course will be determined by an assessment of your performance in the following areas: Exams, Homework, Classwork, Quizzes and a comprehensive Final Exam. There are 760 points possible from graded assignments/assessments for this course. Grades will be assigned as follows: 680+ = A, 665 - 679 points = A-, 642 - 664 = B+, 604 - 641 points = B, 589 - 603 = B-, 566 - 588 = C+, 529 - 565 points = C, 490 - 528 = D+, 452 - 489 points = D, 437 - 451 = D-, 0 - 436 = F (regular rounding rules will be used). *The students with the top two point totals above 740 will receive a grade of A+.*

Classwork (6) – 10 pts each

Homework – 150 pts

Exams (2) – 100 pts each

Quizzes (3) – 50 pts each

Comprehensive Final Exam – 200 pts (Tuesday, March 24, 11:30 am – 1:30 pm)

Note: NO MAKE UP EXAMS OR QUIZZES; If you earn a percentage of 200 points on the final exam that is higher than any of the previous exam scores, that percentage will be used to replace the lowest exam score. The average of the two highest quizzes will replace the lowest quiz score.

Tutoring

The Math, Science and Technology Resource Center is located in S43 on the DeAnza Campus, (408) 864-8683. Hours of operation: Mon - Thurs 8:30 am - 6:30 pm, Fri 8:30 am - 12:30 pm. The student success center website has information for additional student support services: www.deanza.edu/studentssuccess.

Students With Disabilities

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) contact Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY (408) 864-8753
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839
Special Education Division: 864-8407; www.deanza.edu/specialed

Important Dates

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Last day to drop with no record of grade/full refund: Sunday, January 18

School Holiday: Monday, January 19

School Holiday: Friday, February 13

School Holiday: Monday, February 16

Last day to drop with a W: Friday, February 27

Last class meeting: Monday, March 23

Final Exam: Tuesday, March 24, 11:30 am -1:30 pm

MATH 43.09 Tentative Schedule*

Monday	Tuesday	Wednesday	Thursday	Friday
Jan 5 Syllabus	Jan 6 7.1	Jan 7 7.1	Jan 8 7.3	Jan 9 CW #1
Jan 12 7.3	Jan 13 7.4	Jan 14 7.5	Jan 15 7.5	Jan 16 Quiz #1
Jan 19 MLK B-Day **NO-CLASS MTG**	Jan 20 8.1	Jan 21 8.1	Jan 22 8.2	Jan 23 CW #2
Jan 26 8.2	Jan 27 8.3	Jan 28 8.4	Jan 29 8.5	Jan 30 Test #1
Feb 2 8.5	Feb 3 9.1	Feb 4 9.1	Feb 5 9.2	Feb 6 CW #3
Feb 9 9.2	Feb 10 9.3	Feb 11 9.3	Feb 12 Quiz #2	Feb 13 Lincoln B-Day **NO-CLASS MTG**
Feb 16 G.W. B-Day **NO-CLASS MTG**	Feb 17 9.5	Feb 18 10.2	Feb 19 10.3	Feb 20 CW #4
Feb 23 10.4	Feb 24 10.4	Feb 25 10.6	Feb 26 10.7	Feb 27 Test #2
Mar 2 10.8	Mar 3 10.8	Mar 4 10.9	Mar 5 6.3	Mar 6 CW #5
Mar 9 6.3	Mar 10 6.4	Mar 11 6.4	Mar 12 11.1	Mar 13 Quiz #3
Mar 16 11.2	Mar 17 11.3	Mar 18 11.4	Mar 19 11.4	Mar 20 CW #6
Mar 23 Final Exam Review **LAST CLASS MTG**	Mar 24 Final Exam 11:30 am-1:30 pm, MLC 105			

***This schedule may be modified at any point during the quarter to better suit the needs of the class.**