De Anza College Math 43 Section 11 CRN 02526 PRECALC III: ADVANCED TOPICS Fall 2016

Class meets in room E33 (M, T, W, Th, F 12:30 p.m. – 1:20 p.m.)

<u>Instructor</u>: Curtis Kifer <u>Email</u>: kifercurtis@fhda.edu

Office Hour: Monday, Wednesday at 1:30 to 2:00 in room E37. Also Fridays 1:20 to 1:50 in room E33.

Textbook: Precalculus With Limits, 3rd edition by Ron Larson

<u>Calculator</u>: A Graphing Calculator such as Texas Instruments TI-84 is recommended for some homework, however

there will be <u>no graphing calculator use on quizzes and Exams.</u> A scientific calculator may be required on some quizzes and exams

Course structure:

- This is the third course in a three-course precalculus series at De Anza. We'll cover chapters 7.1, 7.3, 7.5, 8.1-8.5, 9.1-9.5, 10.6-10.9, 11.1-11.4 of the textbook as well as some supplementary material on hyperbolic functions
- There will often be a very short unannounced quiz exactly at the start of class, so always show up on time and prepared.
- After discussing the previous day's homework, we'll cover new material.
- Each homework assignment is due on WebAssign at the beginning of class on or before the due date (which will be posted on the WebAssign site). Homework not submitted by the beginning of class is late and will be penalized.

Attendance Policy: If you miss 3 classes, then you may be dropped from the class at the instructor's discretion.

Scoring will be as follows:

- Homework: 30% (due on WebAssign only)
- Quizzes: 20%
- Midterm Exams: 30% (3 midterm exams; 1 will be dropped.)
- Final Exam: 20% (Participation in the final exam is required.)
- Participation: Each class session in which you are not present in class to participate in the class discussion is 2 points off your final grade; each tardy entrance into a class discussion already in progress is 1 point off your final grade.

There will be no make-up exams, but the lowest mid term exam score will be dropped.

There will be **no make-up quizzes**, and **no quiz scores will be dropped**.

There will be **no make-up homework**, and **no homework scores will be dropped**.

There will be **no extra credit or make-up work offered**.

Your formal grade will be computed by the following scale:

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A+=97-100\%; A=93-96\%; A-=90-92\%; B+=87-89\%; B=83-86\%; B-=80-82\%; C+=77-79\%; C=73-76\% D+=67-72\%; D=63-66; D-=60-62; F=0-59\% Note: any grade below 73% is a "D" or an "F" grade
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The final exam will be held Wednesday December 14 at 11:30 a.m. until 1:30 p.m. (You MUST attend the final exam; I will not be allowing ANYONE to take the final exam early or late.)

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<u>Drop; Withdrawal; Incomplete grade:</u> It is the student's responsibility to be registered in the class before the deadline for adding classes. As well, <u>should the student need to drop or withdrawal from the class, it is the student's responsibility to do so before the final date for withdrawing. There is never an incomplete grade <u>assigned.</u></u>

- Saturday, October 8, 2016 is the LAST DAY TO ADD using add codes.
- Sunday, October 9, 2016 is the last LAST DAY TO DROP without a 'W' grade.
- Friday, November 18, 2016 is the LAST DAY TO DROP Fall classes with a 'W' grade.

Course Rules:

- Smart Phone Policy: If you have a cell phone, be sure to turn off your Cell phone ringer.
- If I see you with a smart phone during an exam or quiz, it is considered cheating, and I will give you a zero for that exam as well as report you to the Dean.
- Let me know ahead of time if you have reason to expect an emergency call.
- Make-up Exams: No make-up exams are allowed.
- You are encouraged to work together on the homework sets—remember, the homework assignments are intended as practice! If you are having difficulty on an assignment, try to get help from me or from a classmate as quickly as possible; don't just leave it for the next class.

Academic Honesty:

Students learn and abide by the standards of honesty expected in an academic community. In general, academic honesty requires that students: (1) submit work that is clearly and unmistakably their own; (2) properly represent information and give adequate acknowledgment to all sources that were used in the preparation of an assignment; (3) neither seek, accept, nor provide any assistance on tests, quizzes, and/or assignments unless explicitly permitted to do so by the instructor.

Learning Objectives:

After completing the course, the student will be able to:

- (1) Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
- (2) Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
- (3) Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.
 - The Americans with Disabilities Act (ADA) is a civil rights statute that prohibits discrimination against people with disabilities.
 - De Anza College is committed to providing a safe positive learning environment where students can pursue their educational goals.
 - De Anza College is committed to maintaining an environment free of sexual harassment or discrimination based on race, religious creed, color, national origin, ancestry, disability, medical condition, marital status, political beliefs, organizational affiliation, sexual orientation, gender or age.