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DE ANZA COLLEGE MATH 43.03 Spring 2016

COURSE INFORMATION SHEET

MATH 43.03 (40218), **ROOM G5**

(M,T,W,Th,Fr) 8:30 -9:30am

INSTRUCTOR Nina Danilova

E-MAIL CONTACT

danilovanina@fhda.edu

1. TEXTBOOK

Pre-Calculus with limits, 3rd Edition, by Larson

Calculator A graphing calculator TI-83+, TI-84, or TI-84+ is required

Prerequisites:

Math 41 and Math 42 with a grade C or better grading both the courses.

2.

DESCRIPTION:

Parametric equations, systems of equations and inequalities, vectors, lines and planes, sequences and series, polar coordinates, mathematical induction, the binomial theorem and hyperbolic functions.

3.

STUDENT LEARNING OUTCOMES

Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three-dimensional geometric objects.

Graph and analyze regions, represented by inequalities or curves trigonometric, polar, and parametric equations

. Analyze, develop, and evaluate formulas for sequences and series; justify these formulas by mathematical induction; hyperbolic functions.

4.

TIME COMMITMENT

According to the college catalogue, page 34 under Units, “

Students should expect two hours of outside preparation for each one hour spent in class.” Since the class meets 5+ hours a week, it is

expected a minimum of 9 to 10 hours a week should be spent on this class. Mastery of the material should determine by how much time you

spend, not the clock.

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ATTENDANCE AND CLASS RULES

Learning mathematics demands regular attendance and a commitment on part of students to get to class on time and stay the entire session. Regular, punctual attendance at all class meetings is expected of each student. Coming late and leaving early is rude to the instructor and to your classmates.

The instructor may drop a student who misses more than three classes

Ultimate responsibility of dropping from the course lies with the student. Difficulties that could cause attendance problems should, at student's initiative, be discussed with the instructor as early as possible. If you are unable to avoid an absence it is your responsibility to keep up with the class.

6.

ELECTRONIC DEVICES

-cell phones, laptops, iPads, iPods, etc.:

- All listening devices and all cell phones must be turned off and must not remain on a student's desk during class.
- No texting on your cell phone is allowed during class.

7.

QUIZZES

There will be frequent quizzes usually not announced beforehand. **No make-up quizzes!**

: However, if you have a good reason for being absent, check the instructor and you may be allowed to make it up before the next class, in room E37

The quizzes will be on the material already discussed in the class and will have problems similar to homework problems. The material should determine by how much time you spend, not the clock.

Midterms: Three one-hour examinations, each worth 100 points, will be given. Each midterm will be announced beforehand. **No make up**

examinations! If you cannot take a midterm at the time assigned, you can take it earlier letting me know a couple of days earlier. The lowest midterm grade will be dropped.

Final Exam: There will be a mandatory comprehensive two-hour final exam worth 200 points, and this exam *must* be taken during the scheduled exam time **on June 22, Wednesday**

at 7:00am-9:00 am.

Grade computation:

3 midterms	200	A (89% and more, 534 points)
Final	200	B (76% - 88.9%, 456 – 533)
Quizzes	70	C (64% - 75.9%, 384 - 455)
Home assignments	60	D (51 - 63.9%, 306 - 383)
Class activities	40	F (<51%, < 306points)
Project	30	
TOTAL	600	

Homework Assignment