

Instructor: Danny Tran Email: trandanny@fhda.edu
 Office Hours: TuW 1:30-2:20PM (S43), Th 10:30-11:20AM (S43), W 10:30PM - 11:20PM (Email)

Prerequisite: Math 42 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test w/in last calendar year.

Class: Mon, Wed 11:30am - 12:20pm (S45); 12:30pm - 1:20pm (S42)
 Tue, Thur 11:30am - 1:20pm (S45)

Student Learning Outcomes: (what you should be able to demonstrate by the end of the course):

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

Textbook: 1. PreCalculus with Limits by Larson; 3rd edition.
 2. Student Access Code to WebAssign (Optional)

WebAssign: This is an online program we will be using to complete homework assignments You can either purchase it straight from the website or purchase a textbook from the De Anza bookstore, and WebAssign access will be included. Here are steps to sign up for the online homework system:

1 - Go to <http://www.webassign.net>

2 - Click on "I Have A Class Key"

3 - Enter: **deanza 7731 1469**

4 - Fill out your personal information

If you elect not to pay for the online HW, you must submit hand-written HW to me on the due date, and I will randomly select 5 problems from each HW assignment to grade. I highly recommend that you complete the HW online through WebAssign, though.

Calculator: I recommend that you bring a TI graphing calculator to class each day (I recommend a TI 83 Plus, 84, or 84 Plus). You will be using this calculator to assist you on your homework, quizzes, & exams.

Attendance: Mathematics is a demanding subject. Regular attendance is extremely important. However, I realize that, on rare occasions, unforeseen circumstances may arise that will prevent you from attending class or will force you to be late to class. Attendance will be taken each day.

Grading:	Group Quizzes (5 - Drop Lowest)	14%
	Homework (19 - Drop Lowest Section)	12%
	Classwork (12)	4%
	Exams (4)	46%
	Final Exam	24%

Grades:

A	$92\% \leq x$	B+	$88\% \leq x < 90\%$	C+	$78\% \leq x < 80\%$	D	$60\% \leq x < 70\%$
A	$90\% \leq x < 92\%$	B	$82\% \leq x < 88\%$	C	$70\% \leq x < 78\%$	F	$x < 60\%$
		B-	$80\% \leq x < 82\%$				

Expectations:

Math 43 is an incredibly challenging course; be sure you put yourself in the best situation to succeed by having terrific study habits. The De Anza College Math Department strongly suggests that for each hour of instruction, you spend 1.5 - 2 hours, outside of class, studying (**translates to 6-8 hours per week**). Below is a list of tasks I recommend that you do in order to best succeed in this course & prepare yourself for calculus:

In class:

- ✓ Attend every class (lectures, reviews, quizzes, exams, and labs)
- ✓ Take notes & ask questions
- ✓ Work with students during the worksheet portion of class

Outside of class:

- ✓ Preview each lesson by skimming the lesson for 10-15 minutes before class meets
- ✓ Review your notes after class, making sure you have understood the material
- ✓ Attend office hours
- ✓ Form study groups to complete homework, study for quizzes / exams / final
- ✓ Read the textbook
 - Read explanations
 - Work through the completed examples
 - Complete extra practice problems

Also, to best prepare yourself for the course, I recommend that you purchase & bring to class each day:

1 - A 3-ring binder

2 - 4 dividers (title them: lecture notes, handouts, quizzes & exams, miscellaneous)

3 - A notebook or loose-leaf paper to take notes in.

Math 43 & 243 Course Schedule Spring 2017 (Tentative Schedule)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
4.10 Intro, Syllabus	4.11 7.1, CW #1	4.12 7.1, 7.3	4.13 7.3, CW #2
4.17 7.5	4.18 7.5, 8.1, CW #3	4.19 8.1	4.20 8.2, Group Quiz #1
4.24 8.2	4.25 8.2, 8.4, CW #4	4.26 Exam #1 Review	4.27 Exam #1
5.1 9.1	5.2 9.1, 9.2, CW #5	5.3 9.2	5.4 9.3, Group Quiz #2
5.8 9.3	5.9 9.3, 9.4, CW #6	5.10 Exam #2 Review	5.11 Exam #2
5.15 9.4	5.16 9.5, CW #7	5.17 9.5	5.18 10.6, Group Quiz #3
5.22 10.6	5.23 10.9, CW #8	5.24 Exam #3 Review	5.25 Exam #3
5.29 Memorial Day - NO CLASS	5.30 10.9, CW #9	5.31 11.1	6.1 11.2, Group Quiz #4
6.5 11.2	6.6 11.3, CW #10	6.7 Exam #4 Review	6.8 Exam #4
6.12 11.3	6.13 11.4	6.14 11.4, Hyperbolics	6.15 Group Quiz #5
6.19 Hyperbolics	6.20 Hyperbolics, CW #12	6.21 Final Exam Review	6.22 Final Exam Review
6.26 Final Exam (1130A-130P)			