

CRN 31766, Math 43 – 22, Precalc.III

Academic Term: Fall 2017

**Instructor: Bijan Sadeghi**

e-mail: [sadeghibijan@fhda.edu](mailto:sadeghibijan@fhda.edu)

TTh 01:30 PM-03:45 PM, Room L61

office hours: 12:25 – 1:25 PM, E37

**Textbook:** Pre-calculus with limits, Ron Larson, 3<sup>rd</sup> edition, Brooks/Cole.

**Prerequisite:** MATH 41 and 42 (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

### **Student Learning Outcome**

Upon successful completion of this course, the student will be able to

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

-Graph and analyze regions/curve represented by inequalities or trigonometric, polar, hyperbolic, and parametric equations.

-Analyze, develop, and evaluate formulas for sequences and series; justify those formulas by mathematical induction.

**Attendance:** You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent two times. Dropping or withdrawal from the class is the student's responsibility. A student discontinues coming to class and does not drop will get an "F" grade.

**Cheating:** Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students, or coping from or looking at another students' paper during exams. Class/course grade of "F" will be given for any of the above infractions.

**Homework:** All of the homework will be done online. Once you have your Webassign access code, go to [www.webassign.net](http://www.webassign.net), log-in and register, and enter the **class code: deanza 8927 5081**

**Quizzes:** In class quizzes (individual work) will be given.

**Exams:** Three exams will be given during the quarter. No make-ups. One-half of the final exam score will be used to replace the lowest score, if greater.

**Final Exam:** A two-hour comprehensive final exam will be given on **Tuesday, December 12, 2017**. This is a must exam. A grade of "F" will be assigned to those who miss the final exam.

**Grade:**

Quizzes	50 points	630+ → "A"
Homework	150 points	560 – 629 → "B"
Exam (3)	300 points	490 – 559 → "C"
<u>Final Exam</u>	<u>200 points</u>	420 – 489 → "D"
Total	700 points	less than 420 is "F"

**Important Dates:**

Oct. 8: Last day to add quarter-length classes.

Oct. 8: Last day to drop for a full refund or credit.

Oct. 8: Last day to drop a class with no record or grade.

Nov. 17: Last day to drop with a "W".

Sept./Oct.	26	7.1 -7.5	28	7.1-7.5	3	7.1-7.5	5	8.1-8.5
Oct.	10	8.1-8.5	12	8.1-8.5	17	9.1-9.5	19	<b>Exam 1</b>
Oct./Nov.	24	9.1-9.5	26	9.1-9.5	31	10.6-10.9	2	10.6-10.9
Nov.	7	10.6-10.9	9	<b>Exam 2</b>	14	6.3-6.4	16	11.1-11.4
Nov.	21	11.1-11.4	23	Thanksgiving	28	11.1-11.4	30	<b>Exam 3</b>
Dec.	5	Hyperbolic functions	7	Review	12	Final 1:45 pm – 3:45 pm	14	