

**DE ANZA COLLEGE MATH 43.61 WINTER 2016**  
**COURSE INFORMATION SHEET**  
**MATH 43.61 (CRN 32943), ROOM E33 (M/W) 6:30-8:45PM**

**INSTRUCTOR**                      AMARJIT S. CHADDA  
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1.    **TEXTBOOK** Pre-Calculus with limits, 2<sup>nd</sup> Edition, by Larson  
**Calculator**    A graphing calculator TI-83+, TI-84, or TI-84+ **is required**  
**Web Assign**   **Math 43, section 61, Winter 2016, De Anza, Class Key: deanza 3847 9845**  
**Prerequisites:** Math 41 and Math 42 with a grade C or better grade in 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, curves represented by inequalities or 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 4+ 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.
  
5.    **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 two 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.    **ELECTONIC 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 electronics devices, such as laptops or iPads are allowed to use during class.
  - No texting on your cell phone is allowed during class.
  
7.    **QUIZZES**  
At every class meeting a short quiz will be given daily. The quizzes will be on the material already discussed in the class and will have problems similar to homework problems. **Your two lowest quiz scores will be dropped. There will be no make-up should you miss a quiz, 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.**

8. **MID-TERM EXAMS** Three midterm exams will be given. The dates for the exams are listed in the homework sheet, see page 3. All tests are closed book. However, you may bring one half page (8.5 in by 11 in) with anything written on both sides. **There will be no make-ups should you miss an exam for whatever reason.**
9. **HOMEWORK** Students will do homework on a computer using Enhanced Web Assign website. I have attached the page, **“HOW TO REGISTER?”** Follow the instructions. The Access Code for homework is **deanza 3847 9845**. Homework numbers match the HW numbers on WebAssign match with the course calendar, page 3. **The problems assigned are not intended for the mastery of the topic. More problems should be done from the book to master the topic for the assignment**
10. **FINAL EXAMINATION** A comprehensive final exam will be given. **It must be taken on the date shown in schedule sheet. Failure to take the Final Exam will result in an automatic F.** For the Final Exam you may bring one 8.5 in. by 11 in, page with anything written on both sides of them.
11. **DROPPING** It is your responsibility to go to the registrar's office or online and drop yourself from the class. If you just stop attending, you will receive an F for the course. The following dates are important:
- |                      |                                     |
|----------------------|-------------------------------------|
| Saturday, January 16 | Last day to ADD a class             |
| Monday, January 18   | Last day to drop for a full refund  |
| Friday, January 29   | Last day to request Pass/Fail       |
| Friday, February 26  | Last day to drop a class with a “W” |
12. **GRADING POLICY:** Your grade will be based on the following categories.
- |   |     |
|---|-----|
| Homework                                    | 10% |
| Quizzes (drop 2 quizzes with lowest scores) | 20% |
| Three Midterm-Exams                         | 40% |
| Final Examination                           | 30% |
- Your grade in the course will be computed as follows:
- |           |        |         |
|-----------|--------|---------|
| 97%+ A+   | 90%+ A | 89%+ A- |
| 87%+ B+   | 80%+ B | 79%+ B- |
| 77%+ C+   | 70%+ C |         |
| 67%+ D+   | 60%+ D | 55%+ D- |
| 0% to 59% | F      |         |
13. **TUTORIAL HELP:** There are two tutorial centers on the De Anza campus. S-43 provides tutoring for Math and Science, and L-47 for everything else. Drop-in tutoring is always available. Individual tutoring is also available. You must complete a form, provided by the Tutorial Center, during the first couple weeks of the quarter to obtain one-on-one tutoring.
14. **EXTRA CREDIT: THERE WILL BE NO EXTRA CREDIT ASSIGNMENTS. PLEASE DO NOT ASK.**
15. **DEVIATION FROM THE ABOVE POLICIES IS AT THE SOLE DISCRETION OF THE INSTRUCTOR.**

**MATH 43.61 HOMEWORK SCHEDULE**  
**WINTER QUARTER 2016: Pre-calculus with Limits, by Larson, 2<sup>nd</sup> Edition**

MONDAYS	WEDNESDAY	MONDAYS	WEDNESDAY
(1) January 4 HW#1 Sections 7.1, 7.3	(2) Jan 6 HW#2 Sections 7.5, 8.1	(3) Jan 11 HW#3 Section 8.2	(4) Jan 13 HW#4 Sections 8.3, 8.4
(5) January 18  <b>MARTIN LUTHER KING, Jr. DAY</b>	(6) Jan 20 HW#5 Section 8.5	(7) Jan 25 <b>REVIEW</b>  <b>EXAM#1</b> (7.1 – 8.5)	(8) Jan 27 HW#6 Sections 9.1. 9.2
(9) Feb 1 HW#7 Section 9.3	(10) Feb 3 HW#8 Section 9.4	(11) Feb 8 HW#9 Section 9.5	(12) Feb 10 HW#10 Sections 10.6, 10.7
(13) Feb 15  <b>WASHINGTON'S BIRTHDAY</b>	(14) Feb 17 HW# 11 Section 10.8	(15) Feb 22 <b>REVIEW</b>  <b>EXAM#2</b> (9.1-10.8)	(16) Feb 24 HW#12 Section 10.9
(17) Feb 29 HW#13 Sections 11.1, 11.2	(18) Mar 2 HW#14 Section 11.3	(19) Mar 7 HW#15 Section 11.4	(20) Mar 9 HW#16 Hyperbolic Functions
(21) Mar 14 <b>REVIEW</b>  <b>EXAM#3</b> (10.9 – 11.4, Hyper)	(22) Mar 16  <b>FINAL EXAM REVIEW</b>	(23) Mar 21	(24) Mar 23  <b>FINAL EXAM</b> <b>6:15 to 8:15</b> <b>(NOTE THE TIME)</b>