DE ANZA COLLEGE FALL 2015

BEGINNING ALGEBRA: Math 212.29 4:00PM to 6:15 PM MW Room S16
INSTRUCTOR: Steve Headley steve@headley.org Office 12:45-1:15 MW S43
TEXT: INTERMEDIATE ALGEBRA Connecting Concepts Through Applications Clark
EQUIPMENT: Scientific Calculator, If taking further courses, Graphing Calculator TI 83+, 84+, 83, 86
PREREQUISITES: Prerequisite: Qualifying score on the Math Placement Test within the last calendar year; or Mathematics 210 with a grade of C or better.
COURSE DESCRIPTION: Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.
HOMEWORK: Mathematics is learned by **DOING MATHEMATICS**. You are expected to **READ** the book, **STUDY** the example problems in the book, and **DO** the homework problems assigned on a **DAILY** basis. Homework problems are due at the BEGINNING of each class period. **DO EVERY OTHER ODD PROBLEM FROM EACH SECTION ASSIGNED. MINIMUM OUTSIDE CLASS TIME TEN HOURS/WEEK**
QUIZZES: Daily quizzes will be given at the end of each class meeting, twenty for a total for 100 points. **NO QUIZ MAKE-UPS, YOU MUST BE IN CLASS EVERY DAY.** EXAMS: There will be 5 EXAMS and a FINAL EXAM. Test #1 will cover Chapter 1. Test #2: Chapter 2. Test #3: Chapters 3, Test #4: Chapter 4, Test #5: Chapter Sections 8.2 and 8.5. The lowest test score will not be used in the computation of your course grade. **No TEST or FINAL make-ups will be given.** The **Final Exam will cover Chapters 1, 2, 3, 4, and 8 will be given Monday, December 7, 2015 at 4:00 to 6:15 PM, in room S16. BRING A BROWN SCANTRON FIFTY QUESTIONS ON ONE SIDE**
ATTENDANCE: Regular and punctual attendance is expected of each student. If you decide to stop attending, it is your responsibility to drop the course prior to the drop date, or a grade of F will be the grade you earn.
EVALUATION: The following scale will be used to determine course grade:

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|---|---|---|---|
| Quiz total | 100 | 700 to 630 points | A |
| Mid-term tests | 400 | 629 to 560 points | B |
| Final Exam | 200 | 559 to 490 points | C |
| TOTAL | 700 | 489 to 420 points | D |
| | | 000 to 419 points | F |

**DATE DUE**

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| SEP | 21 | Appendix A | NOV | 4 | TEST 3 – CHAPTER 3 |
| | 23 | 1.1, 1.2 | | 9 | Veteran's Day Holiday |
| | 28 | 1.3, 1.4 | | 11 | 4.1 Last Day to DROP w/W(11-13) |
| | 30 | 1.5 Last Day to ADD/DROPw/NoRecord(10/4) | | | |
| OCT | 5 | 1.6 | | 16 | 4.2, 4.3 |
| | 7 | 1.7 | | 18 | 4.4, 4.5 |
| | 12 | TEST 1 – CHAPTER 1 | | 23 | 4.6, 4.7 |
| | 14 | 2.1 - 2.2 Last Day to Request P/NP(10-16) | | 25 | TEST 4 – CHAPTER 4 |
| | 19 | 2.3 - 2.4 | | 30 | 8.2, 8.5 |
| | 21 | TEST 2 - CHAPTER 2 | DEC | 2 | TEST 5 – CHAPTER 8 |
| | 26 | 3.1 | | | |
| | 28 | 3.2, 3.3 | | 7 | FINAL CHAPTERS 1 – 4, 8 |
| NOV | 2 | 3.4, 3.5 | | | 4:00-6:15 PM |

SLO: 1. Evaluate real world situations and distinguish between and apply linear and quadratic function models appropriately.
2. Analyze, interpret and communicate results of linear and quadratic models in a logical manner from four points of view – visual, formula, number and written.
3. Demonstrate an appreciation and awareness of applications in their daily lives.