

De Anza College Math 114.21 Fall '16

Instructor Information

Name: Salvador Guerrero

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Office Hours: Monday 4 – 5 pm and Wednesday 5:15 – 6:15 pm in E37

Course Information

Title: College Math Preparation Level 3: Intermediate Algebra

Location and Time: S17 on Monday/Wednesday 1:30-3:45pm

Website: TBA (I will send you an invitation via email, please make sure to accept it)

Materials:

Text (required): Intermediate Algebra Student Workbook – De Anza College.

Note: Required first day of class. You will be expected to fill in the workbook as we work through it in class. If you have a tablet with which you can write notes on a pdf you are welcome to use the electronic version; otherwise you should pick up a print copy at the bookstore.

Technology: Graphing calculator (TI-84 recommended) or computer/phone based graphing utility.

Note: Technology will not be allowed on any quizzes or exams, it is only recommended for further understanding while completing homework and investigating course material.

Other: Pencil, eraser, and composition book.

Note: Exams and quizzes must be completed using pencil.

Requisites:

Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or MATH 212 or equivalent with a grade of C or better.

Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Hours: Five hours lecture (60 hours total per quarter).

Note: it is advised that you set aside two hours of study time per hour spent in class.

Description: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Student Learning Outcomes:

1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
2. Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.

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Assignments:

- You will be asked to write a brief **math autobiography** – details TBA.
- **Classwork** will consist of your filling in the work book as we work through it in class. You will be asked to complete some problems alone and others in groups.
- **Homework** will be completed online through the course website.
- There will be eight 20-30 minute in-class **quizzes**. Your lowest quiz score will be omitted.
- There will be three in-class one hour midterm **exams**. Your lowest midterm score may be replaced by your final exam score, if it benefits your grade.
- There will be several **projects** throughout the quarter to further develop your understanding of the course material.
- A two hour comprehensive **final exam** will be administered on Monday December 12, 2016 at 6:15-8:15pm. The final is mandatory and must be taken at the scheduled time. Any student not taking the final will receive a grade of F.

Grading:

- **Classwork** will be marked only as 1 (for complete) or 0 (for incomplete). You will not be able to make up classwork scores so it is to your benefit to be in class on time and that you stay for the entire meeting time.
- **Homework** will be graded by the online program. Note that although late homework will not count towards your grade you should still complete the assignment in order to develop the skills necessary for future material.
- **Quizzes** and **Exams** will be graded as follows: each question will receive a score of 1 (for correct) or 0 (for incorrect) and I will provide feedback. Although there will be no partial credit, you will have the opportunity to re-work any problem not receiving a grade of 1 – details of this policy will be discussed in class on the first day of class. There will be no make-up exams or quizzes.
- **Projects** will be graded as No Credit, Unsatisfactory, Marginal (Needs Improvement), Proficient (Meets Standards), or Exemplary (Exceeds Standards). A more specific rubric will be provided with each project. Late projects will not be accepted.
- **Final Exam** will be graded with much consideration to partial credit since there is no possibility to re-work any mistakes.
- **Course Grades** will be determined by a “Grading Contract” which we will talk about during the first meeting.

(Tentative) Schedule:

Week	1	2	3	4	5	6	7	8	9	10	11	12
Mon		AutoBio		Proj1		Proj2		Proj3		Proj4		Final
Wed	Quiz1	Quiz2	Quiz3	Exam1	Quiz4	Quiz5	Exam2	Quiz6	Quiz7	Exam3	Quiz8	

Note: Assignments are **due** on the date listed. Also, the schedule is subject to change – any changes will be announced in class and noted in the course calendar.

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Policies and Resources

Academic Integrity: Cheating, plagiarism and other forms of academic dishonesty will not be tolerated. Students are expected to be honest and ethical at all times in their pursuit of academic goals. A Student caught cheating, plagiarizing, or otherwise violating the rules for an assignment will receive a grade of 0 on the assignment in question; repeat offenders will receive a grade of F in the course. In either case, a student may be referred to the Dean for academic discipline. No grade of 0 due to academic dishonesty will be dropped or replaced.

Classroom Courtesy: Your interactions with the instructor as well as your fellow classmates should be courteous and respectful at all times. Every student is entitled to learn in an environment free of distractions or disruptions (including phones, headphones, etc.). Students who are disrespectful or disruptive can, and will, be asked to leave. If a student does not leave after being asked they will be dropped from the course and referred to the Dean. **Audio/Video recordings of lecture are prohibited.**

Attendance: Attendance is required and you are responsible for all material covered in class. I expect you to arrive to class on time and stay until class is dismissed. If you miss a class, contact a fellow student to find out what was covered. Also:

- Students who remain enrolled in a class beyond the published withdrawal deadline, as stated in the class schedule, will receive an evaluative letter grade in this course.
- It is the student's responsibility to add, drop, or withdraw from classes before the deadlines stated in the college catalog. You should talk to me before withdrawing.
- Excessive absences may result in being dropped, at the discretion of the instructor.

Tutoring/Additional Help: Please consider the following (free) resources for additional help:

- In Person Tutoring: <https://www.deanza.edu/studentssuccess/mstrc>
- On-line Tutoring: <http://deanza.edu/studentssuccess/onlinetutoring>
- The internet: it is the future (2016), a time when information is literally at our fingertips.

Accommodation of Disability: Students that have any disability, either permanent or temporary, which might affect their ability to perform in this class should contact me immediately. For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see the contacts below:

- Disability Support Services (DSS): <http://www.deanza.edu/dss>
- Educational Diagnostic Center (EDC): <http://www.deanza.edu/edc>
- HOPE De Anza: <http://www.deanza.edu/hope>

English as a Second Language: ESL students may use a translator and/or dictionary (print only, to be approved by instructor) during exams and quizzes. Please visit the college's Listening and Speaking Center (LSC) for additional resources <http://www.deanza.edu/studentssuccess/lsc/>