

Math 114 College Math Preparation: Intermediate Algebra  
Winter 2015  
Room: MLC 113  
12:30-1:20 MTWThF  
Text: Intermediate Algebra  
By Blitzer 5<sup>th</sup> De Anza Edition

Instructor: Rebecca Fouquette  
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Phone: 408-864-5522

Office Hours:

Monday None

Tuesday 2:00-2:50

Wednesday 1:30-2:20

Thursday 2:30-3:20

Friday 9:30-10:20

Additional hours by appointment

Prerequisite: MATH 212 or equivalent with C or better  
Advisory: EWRT 211 or ESL 272 and 273

Webpage: [nebula2.deanza.edu/~fouquette/114C/index.html](http://nebula2.deanza.edu/~fouquette/114C/index.html)

### Student Learning Outcomes

Upon completion of this course, students will be able to:

**Student Learning Outcome (1):** Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.

**Student Learning Outcome (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.

### Student Responsibilities

All students are required to follow the student conduct guidelines as defined by the college. This includes respecting others, doing your own work and attending class. If there is an egregious diversion from these guidelines, disciplinary actions will be taken. Any signs of cheating on a test or quiz will result in a score of zero on that assignment with no opportunity to retake.

### Attendance

You are expected to attend all classes, arrive on time and stay for the entire class. Regular attendance is essential for success in math class. Late arrival or early departures are disruptive. You may be dropped by the instructor if you miss two consecutive classes in the first two weeks. The instructor reserves the right to drop/withdraw students who are absent, late, or leave early (or any combination) more **than 7 times during the quarter**. However the instructor may or may not perform such a drop/withdrawal. Take responsibility to do it yourself if you need to drop or withdraw. If you stop attending but do not withdraw, you may fail with a grade of F. Check the college schedule to confirm deadlines.

### Accommodations for Students with Disabilities

If you need disability related accommodations for this class, such as a note taker, test taking services, special furniture, use of a service animal, etc., please contact the Disability Support and Services Department (SCS 41 408-864-8753) as soon as possible. You are also encouraged to speak with me privately during office hours about your accommodations. All exams scheduled out of the classroom must be scheduled for a time period that at least overlaps class hours. Exams will not be authorized for vastly different time periods.

### Emergency Evacuation Plan

In the event of an emergency during class that requires evacuation of the building, leave the class immediately, but calmly. Our class will meet in the quad by the fountain to make sure everyone got out of the building safely and to receive further instructions. If you are a student with a disability who may need assistance in an evacuation, please see me as soon as possible to discuss an evacuation plan. In the event of an earthquake, take cover under your desk making sure your head is protected as best as possible. As soon as it is safe, evacuate the building to the S quad. In the event of any local emergency not requiring evacuation, call 911 immediately.

### Cell Phone Policy

Cell phones should be turned off or to silent during class and put away at all times. This will help foster a good working environment for all in class. There is a **zero tolerance** cell phone policy in this class. If you have a cell phone or smartphone or other similar device out during class for any reason, **3 points will be deducted from your homework quiz for the week.** Laptops are permitted for *note-taking only*. If you are using the laptop for ANY other purpose, you will be asked to leave class just as if you had been using a cell phone. There are only two exceptions:

1. If your cell phone is in your bag and ringing, you may pull it out ONLY to turn it off!
2. If you have circumstances that require you to have a phone turned on and with you (for example, if you are an on-call caretaker or firefighter), please come see me privately and you will be excused from this policy.

Texting is also not allowed during class. Cell phones are not to be used as calculators. A calculator is required for this course. Cell phones are to be put away during tests and quizzes. Any visible cell phone during a test or quiz will result in a zero for that assignment, which **cannot** be made up.

### Discipline Policy

You have a right to a good learning experience. To help ensure this, all students are expected to follow FHDACCD Student Rights and Responsibilities policy (AP 5500), the Mutual Respect policy (AP 4110), and the Discrimination and Harassment policy (AP 4640) as outlined in the student handbook. These policies can be found at <http://www.deanza.edu/studenthandbook/index.html>.

If you feel that another student is disrupting your learning environment, please see me in office hours so the situation can be resolved. This includes talking excessively to the point of disrupting the learning environment of others, inappropriate behavior to students and/or instructor, etc. Any student violating this code can be asked to leave class and/or suspended from class for up to 2 days.

**Please see me in my office if you have any concerns about the class.**

### Absences

In the event of your absence, you are encouraged to contact me via email or phone. I will respond with what was covered in class and any work assigned. If your absence occurs on a test or quiz day, the test or quiz cannot be made up. There are no retakes.

In the event of my absence, all due dates are shifted to the next class meeting. If my absence occurs on the day before an exam, I will postpone the exam two classes so you have a chance

to ask questions. If my absence occurs on an exam day, the exam will occur at the next class meeting of the same time length.

#### Math, Science and Technology Resource Center

The resource center is located in S43 and provides drop in tutoring for all math classes. For more information call 408-864-8683 or visit

<http://www.deanza.edu/studentssuccess/tutorial/mathandsciencetutorialcenter/index.html>.

#### Calculator Use

A graphing calculator will be required for this course. Some test and quiz problems will require a calculator to complete. Calculators will not be loaned out by the instructor. Calculators are loaned out from the library. Contact them directly at 408-864-8751 for more information. A cell phone is **not** a sufficient replacement for a calculator.

#### Contact

You are welcome to contact me by either phone, email or coming in to my office anytime I am not teaching. I respond fastest through email. I will respond to all email received by 8pm week night and most weekends.

When emailing a question, please reference the chapter and problem number as well as what you have tried on the problem. Unless you request otherwise, I will send my response out to the whole class, without your name, to help other students who may be having the same issue.

#### Other Classroom Policies

No food is allowed in the classroom. Bottled drinks are acceptable. You should clean up after yourself.

Restroom visits and other reasons for leaving the classroom during exams and quizzes are not allowed. Arrangements for special cases, such as medical reasons, must be discussed with the instructor before an exam or quiz starts.

Print translators are allowed on exams. Electronic dictionaries are not allowed.

#### Homework

Homework will be assigned daily, and it is expected that homework is completed daily. Homework is collected at each homework quiz and will be graded on completion only.

Homework should be easily readable. All homework must follow the discussed homework format. Each assignment can be comprised of multiple assignments but should be stapled as one packet when submitted. Failure to follow this format may result in a loss of your completion points. An example of correct homework format can be found on my home page.

#### Homework Format

1. Assignments should be done in pencil.
2. Homework should be done in a row format, one, two or three-column format. DO NOT SWITCH FORMATS ON ONE PAGE.
3. After each problem, a horizontal line should be drawn. If you are using a column format, draw vertical lines to show the columns.
4. The solution to each problem should be in the lower right corner and should be boxed.
5. One stapled packet should be created for each assignment.
6. Packets should be stapled in the upper left corner.
7. The assignment number should be written on the top of the packet.

8. All graphs should be done on graph paper.

#### Homework Portfolios

The first 5 minutes of class Tuesday – Friday (excluding exam days) will be for Familias to discuss homework. Each Familia will have a two pocket portfolio where they can submit homework during this daily check in time. I will check each portfolio and note what has been submitted. If you turn in all of the assigned work early during the week, you will receive a 1 point bonus on the following week's homework quiz. If your Familia finds a homework problem they want to discuss, write your question on the white board as a homework question, as described below.

#### Homework Questions

At the beginning of each class, after Familia check in, homework problems may be answered. If you have a question, write the section number and problem number in the designated area. If your problem is already on the board, write a check next to the problem. Only problems with at least one check (meaning 2 familias want to see it) will be discussed in class.

#### Homework Quizzes

We will have homework quizzes at the start of class at the beginning of each week worth 10 points each. The score of 10 points will come from 2 points for completion of the homework and 8 points for correctness of the work on the quiz. If you have completed work and submitted it in your Familia's portfolio, you may receive a 1 point bonus. If you do not have your homework to submit at the homework quiz, you have until the end of the week to submit your homework to obtain the 2 points completion.

The quiz will cover the previous week's material. Quiz questions will be taken directly from homework problems from the textbook. If you have completed homework, you are allowed to use your work on the quiz. You will be required to submit any work used on the quiz stapled to the quiz. A calculator will be allowed on some but not all quizzes. Quizzes may be split into two parts, no calculator allowed and calculator allowed. No late quizzes will be given but one will be dropped.

#### Calculator Quizzes

To make sure you learn how to use your calculator, we will have periodic calculator quizzes that ask you to do different items using your calculator. These quizzes will be announced at least 2 days in advance. No notes are allowed on these quizzes. No late quizzes will be given but the lowest will be dropped.

#### Class Work

This class will incorporate a variety of class work. Some assignments may require group participation and some assignments will be individually graded. Class work may be graded on completion, correctness or a combination of both. Class work may include: in class reviews, entrance cards, projects, exam corrections, etc. Class work may be accepted late depending on the type of assignment. The keys to all reviews will be posted on our webpage after the due date.

#### Entrance Cards

An entrance question may be posted at the beginning of class. This question will relate to the material covered in class the previous day. This question should be answered and submitted

within 5-10 minutes. This question can be free response, true/false or multiple choice. Each question will be worth 1-3 points and will be included in the class work category of your grade. If you arrive late, you will not be given extra time or the chance to make up this assignment. If all entrance cards are submitted for the week, you will be given a 10% bonus to your score for the week.

### CREM Project - Globalization Conference (March 10)

#### Assignment:

- As an individual, pick one topic, but it cannot be a topic chosen by another team. Once, a topic is chosen, it is off the board.
- Conduct research on your topic
- Write a Source List of a minimum of 12 sources that you consult
- 6 References to Math/Statistics that you use quantitative analysis
- Complete a CARS Checklist for each of the sources
- Create a prez presentation laying out your case for your answer to the question that ends with a Works Cited
- Present your case at the Global Issues Conference in a 10-12 minute presentation
- Use a minimum of 12 outside resources

#### Presentation Guidelines:

Your presentation/case must address the following items:

1. Provide an attention grabber to your topic (A video, skit, song, etc. that activates the audience's schema on the topic)
2. Define your term/concept (the bolded word(s) in your question) and how it connects to the student's at De Anza College
3. Present an argumentative thesis that you will try to prove in your presentation
4. Use a minimum of 12 outside sources to help you support your thesis
5. A strong, concluding argument with call to action that supports your info and tells the class what to do with your info.
6. A Works Cited page on Prezi

#### Grade Breakdown:

- 50pts for Preezi/video (Sarah will grade)
- 20 Points for Qualitative Statistical Analysis (Rebecca will grade)
- 30 Points for team Folder
- 20 pts for the presentation/performance (Russell will grade)
- 10pts team grades (This will be the average of your teammates ratings of you)

### Exams

We will have a total of 3 exams and one final. Exam dates will be announced at least one week in advance. The material covered on each exam may change depending on pacing of the course. Because the final is cumulative, your lowest exam percentage, even if it is a zero, may be replaced with your final percentage. **No late exams will be given.**

### Exam Corrections

After every exam, you will be able to complete exam corrections for 10 bonus points. These corrections WILL NOT change the score of your exam. To complete exam corrections, you are required to correct every problem you lost points on, even if it was a single point, until it is completely correct. These corrections must be done on a separate sheet of paper, not the exam

itself. You are required to correct any problem for which you lost points. If you missed a true/false or multiple choice problem, you will need to show the work to justify why the answer I gave you is the correct one.

When submitting exam corrections, you must also include your original exam so I know what you needed to correct. Corrections will be graded and returned with any needed redos. There is no limit on the number of submissions; this process will continue until everything is completely correct with correct notation. You have until the following exam to complete corrections.

### Grading Policy

CREM Project	5%
Class Work	10%
Homework and Calculator Quizzes	20%
Exams (3)	45% (15% each)
Final	20%

### Grade Calculations

Your grade is based on a weighted average. This means that you cannot add up all the points you earn to find your grade. To get your grade in the class, you must add up your points for each category and multiply that score by the weight as described above.

EXAMPLE: Class work: 35/50      Quizzes: 65/90      Exam 1: 45/50

$$\text{Grade} = \frac{15(35/50) + 20(89/100) + 15(45/50)}{15 + 20 + 15} \quad \begin{array}{l} \leq \text{weighted scores} \\ \leq \text{total weight} \end{array}$$

At the end of the quarter, I will calculate two grades; one where your lowest exam is dropped and your final is worth 35% of your grade and one where no exam is dropped. I will keep the grade that is more helpful to you.

### Grading Scale

A+	100% - 98%	B-	82.9% - 80%
A	97.9% - 93%	C+	79.9% - 77%
A-	92.9% - 90%	C	76.9% - 65%
B+	89.9% - 87%	D	64.9% - 55%
B	86.9% - 83%	F	54.9% and below

Because I accept late homework and reviews, drop a quiz and replace your lowest exam with the final, I do not curve final grades. The above percentages are absolute.

### Tips for Success

Pre-Read: You should read the section(s) that are to be covered in the next class before class so you have an idea about what we will cover. This allows you to focus more on the details of what is being presented. While reading, you should write down questions that you think of and bring them to class to make sure they get answered. The course schedule can be found by clicking on the schedule like at the top of your course's homepage.

Homework: After class, you should complete about half of the assigned work within 24 hours. This helps check to make sure that you understood what was taught and helps your brain store the information in long term memory. You should complete the remaining half of your homework within two to three days, this means you can complete it over the weekend.

**\*\*Don't wait until Sunday to do all your work!!**

Office Hours: Come in to office hours!! If my posted hours don't work for you, let me know and we will work out another time to meet.

Tutorial: We have tutorial centers at De Anza. Take advantage of the free help!

Study groups: Get into a study group. Not only do you remember something better if you explain it to someone else, but a study group also allows you to do homework without being alone. When you get frustrated there is someone to help or someone to tell encourage you to ask the question in class.

Stay on top of your work: Don't fall behind if you can help it. Look at the schedule on the homepage and match it to your personal schedule. Be aware of when exams are or when we are having heavy homework weeks so you can be prepared.

Study!: De Anza recommends you study 2 hours per unit per week. This is a five unit course, so that is 10 hours for this course of studying outside of class. By following the above tips you will see where the time goes!

#### Dates to Remember

Last day to drop with a refund:	Jan. 18
Last day to add:	Jan. 17
Last day to drop without a "W":	Jan. 19
No Class:	Jan. 19
Last day to opt for P/NP:	Jan. 30
No Class:	Feb. 13
No Class:	Feb. 16
Last day to drop with a "W":	Feb. 27
Final exam:	Wednesday March 25 11:30am-1:30pm