

Math 114 – 08 MTWThF 09:30 AM - 10:20 AM, Room E34, CRN 31058

Office: S33s

Office Hours: Tuesday 1:30 – 2:30 PM, Wednesday 12:30 – 1:00 PM, Thursday 12:30 – 2:30 PM

College Math Preparation Level 3: Intermediate Algebra

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

Course 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.

Textbook: Intermediate Algebra For College Students, by Blitzer, 7th edition, bundle with MyMathLab access code. You must purchase the MyMathLab access code from the bookstore or at <http://www.coursecompass.com>. A scientific calculator is required.

Tutoring Services: The De Anza campus has a tutorial center for math students where students can get "drop in" help. Students can also register to have a regular, assigned tutor for help throughout a quarter. The tutoring center is located in room S-43.

Student Conduct: Do not cheat. If you have a question during a test, you are only allowed to talk to the instructor. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division. You can be expelled from the class and possibly from De Anza College with a grade of F if you are caught cheating.

Classroom Behavior: Please show courtesy for me and your fellow classmates by turning off and putting away your cell phone during class time, especially during exams. Please do not take calls or text message during class. Do not talk while fellow classmates or I are talking. If you have any type of learning disability, please let me know during the first week of classes so that special arrangements can be made, if necessary.

Time Management: You should expect to spend at least 2 hours outside of the classroom for every 1 hour inside the classroom. This time outside of the classroom may include homework, reviewing notes, studying, and attending office hours. If you want to be successful in this class you will need to put time and effort into it.

Attendance: Students are expected to attend every class meeting. Make sure you sign the attendance roster at each class meeting. If you miss a day, it is solely your responsibility to seek out another student or myself to find out what you missed. You cannot expect to do well in the class if you fail to attend lectures.

Homework: Homework will be assigned every class meeting online and will have a due date. All homework must be submitted by 11:59 PM on the due date. You must set up an account by Friday, January 12, 2018 or you will be dropped from the class. If you have a homework problem you were not able to complete, you have the next class session to ask by putting the problem on the board. 30% will be deducted from late homework. However, at the end of the quarter your lowest homework score will be dropped. Homework will count for 13% of your term grade.

Quizzes: There will be a quiz every week. Each quiz will be assigned online or in- class intermittently throughout the term to test your skills on the concepts we are covering in class and online. **NO** make-up quiz will be given. To compensate for this, I will drop your lowest quiz score. These quizzes will count for 12% of your grade.

Midterms: I will give three in class exams during the quarter. No notes will be allowed on any exams. These exams will be completed in class and will contain the materials covered in the lectures, online, and in the book. If you are unable to take an exam for any reason, **a makeup exam will not be given.** In the case of a documented emergency, I will replace a missing exam score with your final exam score. These exams will count for 50% of your term grade.

Final Examination: If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Tuesday, March 27 from 9:15 am - 11:15 am.** This test will count for 25% of your term grade.

Grade Breakdown:

A+: 97 - 100%	B+: 87 - 88%	C+: 77 - 78%	D: 62 - 66%
A: 92 - 96%	B: 82 - 86%	C: 69 - 76%	D-: 60 - 61%
A-: 89 - 91%	B-: 79 - 81%	D+: 67 - 68%	F: < 60%

Important Dates:

- The last day to add classes is Saturday, January 20.
- The last day to drop for a full refund no record of grade is Sunday, January 21.
- The last day to request pass/no pass grade is Friday, February 2.
- The last day to drop with a “W” is Friday, March 2.

Tentative Schedule for Math 114, Winter 2018

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	January 8 Syllabus	January 9 Section 1.6	January 10 Section 1.6	January 11 Section 1.7	January 12 Section 4.2
2	January 15 Martin Luther King's Birthday	January 16 Section 4.2	January 17 Section 4.3	January 18 Section 4.3	January 19 Section 5.6*
3	January 22 Section 6.1	January 23 Section 6.1	January 24 Section 6.2	January 25 Section 6.2	January 26 Section 6.3
4	January 29 Section 6.3	January 30 Section 6.4*	January 31 Section 6.6	February 1 Section 6.6	February 2 Review
5	February 5 Exam 1	February 6 Section 6.7	February 7 Section 6.8	February 8 Section 7.1	February 9 Section 7.2
6	February 12 Section 7.2	February 13 Section 7.3	February 14 Section 7.4	February 15 Section 7.4	February 16 Presidents' Day
7	February 19 Presidents' Day	February 20 Section 7.5	February 21 Section 7.6	February 22 Section 7.6	February 23 Review
8	February 26 Exam 2	February 27 Section 9.1	February 28 Section 9.2*	March 1 Section 9.3	March 2 Section 9.3
9	March 5 Section 9.4	March 6 Section 9.4	March 7 Section 9.5	March 8 Section 9.5	March 9 Section 9.6
10	March 12 Section 10.1	March 13 Section 11.1	March 14 Section 11.1	March 15 Section 11.2	March 16 Review
11	March 19 Exam 3	March 20 Section 11.2	March 21 Section 11.3	March 22 Section 11.3	March 23 Review
12	March 26 No class	March 27 Final Exam 9:15 am - 11:15 am	March 28 No class	March 29 No class	March 30 No class

Section 5.6* Review as Needed

Section 6.4* Dividing by monomials only

Section 9.2* Required: composition and finding inverses, Optional: verifying inverses

This syllabus is subject to change at the instructor's discretion.

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.

*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.