

Math 114 Course Syllabus
De Anza College
Winter 2020

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Office Hours: Monday-Thursday 8:35-9:25am in S76B or by appointment.

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Course: Intermediate Algebra; Math 114.MP1

Meets: M-F 9:30 -11:20am in LCW16

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.

Required Course Materials:

- **Workbook:** The De Anza bookstore sells a workbook that we will use this quarter. The workbook will be used as a textbook, for note-taking and contains homework problems for the quarter.
- **Worksheet Packet:** The De Anza bookstore sells a worksheet packet for our course which consists of daily in class worksheets that we will need this quarter.
- **Calculator:** You will need a scientific calculator for this class.

Attendance: You are expected to attend every lecture. Any student with more than 5 absences may be dropped from the MPS program.

Standards of Work:

- Homework must be stapled and turned in as a single packet. Homework pages that are not stapled will not be graded and will receive no credit.
- When needed, correct answers must be supported by correct work in order to receive credit. Even if your final answer is correct, you may lose credit if the instructor cannot read or understand your work, or if necessary steps are missing.

Grading:

Exams	300 Points
Homework	90 Points
Quizzes	75 Points
Activites	45 – 60 Points
Final	120 Points
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Total	630-645 Points

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%

Exams: There will be 3 in class exams. Each exam is worth 100 points. They will be closed book and closed notes. No make-ups will be allowed. In the case of a documented emergency, I will replace a missing exam score with the corresponding portion of your final grade. See the course calendar for tentative exam dates.

Homework: Homework assignments will be submitted weekly. There will be a total of 10 homework assignments, with each assignment worth 10 points. Every student, only once during the quarter, may turn in their homework by the beginning of the next class. Other than that, no late homework will be accepted for any reason. At the end of the quarter, your lowest homework score will be dropped. See the course calendar for tentative homework due dates.

Quizzes: We will have 6 quizzes during the quarter. Each quiz is worth 15 points. No make-ups will be allowed. If you know that you will be absent, see me about taking the quiz earlier than scheduled. At the end of the quarter, your lowest quiz score will be dropped. See the course calendar for tentative quiz dates.

Activities: We will have daily in class worksheets throughout the quarter which will count towards your activity score. These problems must be turned in by the end of the class session. If you are absent the day of a worksheet, you may not turn in the worksheet in for credit. Each worksheet is worth 1 point.

Final Exam: The final exam will be comprehensive and will be given on *Tuesday, March 24th* from 9:15-11:15am.

Student Conduct: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students during any exam or quiz. You may not share calculators during exams or quizzes. All electronic devices other than a calculator must be put away during quizzes and exams. An exam or course grade of F may be given for any of the above infractions. Any student found cheating on an exam or quiz will not be allowed to retake that exam or quiz.

Classroom Behavior: Turn off and put away cell phones and other devices during class. Cell phones must be off desks and in your bag during class time. Please do not take calls or text message during class. Do not talk while I or fellow classmates are talking. Students not following these policies or are disrupting class may be asked to leave which will then count as an absence for the day.

Important Dates:

- The last day to add classes is Saturday, January 18th.
- The last day to drop for a full refund is Sunday, January 19th.
- The last day to drop classes with no record of a grade is Sunday, January 19th.
- The last day to drop with a "W" is Friday, February 28th.

**Math 114 Tentative Schedule
Winter 2020**

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	6-Jan Introductions 1.1	7-Jan 1.1	8-Jan 1.2	9-Jan 1.3	10-Jan 1.4
2	13-Jan 1.5	14-Jan 1.6	15-Jan Factoring Review 2.1	16-Jan 2.1 Quiz 1(Ch 1) HW 1 due	17-Jan 2.2
3	20-Jan Martin Luther King's Birthday No Class	21-Jan 2.3	22-Jan 2.4	23-Jan 2.5 Quiz 2(2.1-2.4) HW 2 due	24-Jan 2.5
4	27-Jan 2.6	28-Jan 3.1	29-Jan 3.2	30-Jan Exam Review	31-Jan Exam 1(Ch 1-3) HW 3 due
5	3-Feb 4.1	4-Feb 4.1	5-Feb 4.2	6-Feb 4.3	7-Feb 4.4 Quiz 3(4.1-4.2) HW 4 due
6	10-Feb 4.4	11-Feb 4.5	12-Feb 5.1 Quiz 4(4.3-4.5) HW 5 due	13-Feb 5.2	14-Feb Presidents' Day Weekend No Classes
7	17-Feb Presidents' Day Weekend No Classes	18-Feb 5.2	19-Feb 5.3	20-Feb 5.3	21-Feb 5.4
8	24-Feb Exam Review	25-Feb Exam 2(Ch 4-5.4) HW 6 due	26-Feb 5.5	27-Feb 5.6	28-Feb 6.1 Quiz 5(5.5-5.6) HW 7 due
9	2-Mar 6.1	3-Mar 6.2	4-Mar 6.3	5-Mar 6.4	6-Mar 6.4 Quiz 6(6.1-6.3) HW 8 due
10	9-Mar 6.5	10-Mar 6.6	11-Mar 6.7	12-Mar 6.7 Exam Review	13-Mar Exam 3(5.5-Ch6) HW 9 due
11	16-Mar 14.1	17-Mar 14.2	18-Mar 14.3	19-Mar 14.4 Final Review	20-Mar Final Review HW 10 due
12	23-Mar	24-Mar Final Exam 9:15-11:15am	25-Mar	26-Mar	27-Mar

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.