

Math 114 **Intermediate Algebra** **Winter 2016**

Section 03 **CRN 01301** **MTWThF** **8:30- am – 9:20 am** **MLC113**

Instructor: **Greg Stachnick**

Contact Information:

Email: StachnickGregory@fhda.edu

Phone: 408-857-6421

Office Hours:

Tuesday 10:30 am – 11:30 am

Wednesday 10:30 am – 11:30 am

Or by appointment

Location: Math and Science Tutorial Center (S43)

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.

Prerequisite: Completion of Math 212 with a grade of C, or equivalent, or qualifying score on the Placement Test.

Textbook:

1. *Intermediate Algebra for College Students*, De Anza Custom 2nd Edition By Blitzer (sold in the De Anza College Bookstore)
2. Student Access Code to MyMathLab (Required)
3. A Scientific Calculator is recommended (i.e. TI-30XIIS)

The Student Access Code to MyMathLab includes an eBook. Purchase of the hardcopy textbook is optional. For compatibility reasons, this Student Access Code must be purchased from the De Anza bookstore or from the Pearson website for MyMathLab.

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.

Grading

1. **Homework:** Homework will be done in MyMathLab. Course ID: **XXXXXXXXXXXX**. Proficiency in mathematics comes with frequent practice. Completing homework assignments on time is very important in accomplishing this goal.

2. **Quizzes:** Friday is Quiz Day. There will be a short quiz each Friday (see tentative course schedule below) based on the homework assignments for the week. Weeks for which a midterm has been scheduled will not have quizzes. If you have done all of the homework, you will be very well prepared. The lowest quiz grade will be discarded.
3. **Exams:** There will be three midterms and a cumulative final (see schedule below for dates).
4. **Projects:** There will be in class opportunities for extra credit, stay tuned and be there.

5. Point Distribution

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|---------------|-------------------------------------|
| i. Midterms: | 300 Points (100 points each) |
| ii. Quizzes | 100 Points (Best 5, 20 points each) |
| iii. Homework | 100 Points |
| iv. Final | 200 Points |

6. Letter Grade Breakdown

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| A. | 100% - 90% |
| B. | 89% - 80% |
| C. | 79% - 70% |
| D. | 69% - 60% |
| F. | 59% or below |

Additional Resources

Free Tutoring: The Math and Science Tutorial Center in Room S34 offers free tutoring on Mondays-Thursdays from 9:00 AM-5:30 PM and Fridays 9:00 Am – 12:00 noon. More information can be found here: <http://www.deanza.edu/studentsuccess/mstrc/>

Supplemental Resources: Search the web for specific class topics. You will find lots of completed problems, additional written and video explanations and some very clever YouTube videos: <http://justmathtutoring.com/page17.html>

Academic Integrity:

Cheating will not be tolerated and will result in a grade of 0 for the assignment, quiz or exam and referral to the dean for academic discipline. Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction. For more information about De Anza College's policy on academic integrity see: <https://www.deanza.edu/studenthandbook/academic-integrity.html>

Student Conduct:

A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action. Cell phones must be silenced and stowed away.

Attendance:

Regular class attendance is expected. Registered students missing any day the first week, without first notifying the instructor will be dropped from the course. After the first week, a student may be dropped from the class if she/he is absent three times, without first notifying the instructor. If you miss a quiz because you skipped class you will receive a zero for that assignment. Dropping or withdrawal from the class due to hardship is the students' responsibility. A student who stops coming to class and does not drop will receive an "F" grade. It is the students' responsibility to inform the instructor if she/he is going to be absent and is responsible for any material covered/announcements made on the day of the absence.

Communication:

Course Studio will be used for communication of announcements. It will be important to login to MyPortal at least daily to check for new course information regarding extra credit assignments, quizzes and examinations. Class lecture notes will also be published on Course Studio. To access Course Studio, login to MyPortal and select the Students tab. Scroll to the bottom of the page and you will see the Course Studio pane on the lower right. Then select the entry for this course to see announcements, reference links and inspect files.

Any student email correspondence with the instructor should include the course number and section number (i.e. Math 114.03) in the subject line.

**Tentative Winter Class Schedule
Math 114.03 Intermediate Algebra**

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 January	1.6, 1.7 4	4.1-4.3 5	5.6 6	5.6 7	5.6 8 Quiz 1
Week 2 January	6.1 11	6.1 12	6.2 13	6.2 14	6.3 15 Quiz 2
Week 3 January	18 Martin Luther King Day	6.4, 6.6 19	6.6 20	6.7 21	6.7 22 Quiz 3
Week 4 January	6.8 25	Review 26	Midterm 1 27	7.1 28	7.2 29
Week 5 February	7.3 1	7.3 2	7.4 3	7.4 4	7.5 5 Quiz 4
Week 6 February	7.6 8	7.6 9	Review 10	Midterm 2 11	12 Presidents Day
Week 7 February	15 Presidents Day	9.1 16	9.1 17	9.2 18	9.3 19 Quiz 5
Week 8 February	9.3 22	9.4 23	9.4 24	9.5 25	9.5 26 Quiz 6
Week 9 February/March	9.6 29	9.6 1	9.6 2	Review 3	4 Midterm 3
Week 10 March	10.1 7	10.1 8	11.1 9	11.2 10	11.2 11 Quiz 7
Week 11 March	11.3 14	11.3 15	Final Review 16	Final Review 17	Final Review 18

Week 12 March	21	22	23 7 Final Exam	24 Final Exam Week	25
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Important Dates:

Monday, Jan. 4 :: First day of Winter Quarter 2016.

Saturday, Jan. 16 :: Last day to [add](#) quarter-length classes. *Add date is enforced.*

Sunday, Jan. 17 :: Last day to [drop](#) for a full [refund or credit](#) (quarter-length classes). *Drop date is enforced.*

Monday, Jan. 18 :: Last day to [drop](#) a class with no record of grade. *Drop date is enforced.*

Friday, Jan. 29 :: Last day to [request pass/no pass](#) grade. *Request date is enforced.*

Friday, Feb. 26 :: Last day to [drop](#) with a "W." *Withdraw date is enforced.*

Monday, Jan. 18 :: Holiday: Observance of Martin Luther King's Birthday

Friday, Feb. 12 :: Holiday: Observance of Abraham Lincoln's Birthday

Saturday-Sunday, Feb. 13-14 :: Holiday: Presidents' Day Weekend (no classes)

Monday, Feb. 15 :: Holiday: Observance of George Washington's Birthday

March 19-25 :: [Final Exams](#)

Friday, March 25 :: Last day to [file for a winter degree or certificate](#).

Friday, March 25 :: Last day of Winter Quarter

Monday, April 4 :: First day of Spring Quarter