

Math 114 **Intermediate Algebra** **Fall 2015**

Section 17 **CRN 1579** **MTWThF** **12:30- am – 1:20 pm** **E33**

Instructor: **Greg Stachnick**

Contact Information:

Email: StachnickGregory@fhda.edu

Phone: 408-857-6421

Office Hours:

Tuesday 10:00 am – 11:00 am

Wednesday 10:00 am – 11:00 am

Or by appointment

Location TBD

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 112 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)

Student Learning Objectives:

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: **stachnick70713**. 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 schedule below) based on the homework assignments for the week. If you have done all of the homework, you will be very well prepared for the quizzes.
3. **Exams:** There will be four exams 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

- | | |
|---------------|------------------------------|
| i. Exams: | 400 Points (100 points each) |
| ii. Quizzes | 90 Points (10 points each) |
| iii. Homework | 100 Points |
| iv. Final | 200 Points |

6. Letter Grade Breakdown

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

Additional Resources

Free Tutoring: The Math Tutoring Center in Room S4 offers free tutoring on Mondays-Thursdays from 9:00 AM-5:30 PM. More information can be found here:

<http://www.deanza.edu/studentuccess/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:

<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:

Registered students not attending the first day of class will be dropped per De Anza College policy. Attending class is important. If you miss a quiz or exam because you skipped class you will receive a zero for that assignment.

Tentative Schedule Math 114 Class Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 September	1.6, 1.7 21	4.1-4.3 22	5.6 23	5.6 24	5.6 25 Quiz 1
Week 2 September/ October	6.1 28	6.1 29	6.2 30	6.2 1	6.3 2 Quiz 2
Week 3 October	6.4, 6.6 5	6.6 6	6.7 7	6.7 8	6.8 9 Quiz 3
Week 4 October	Review 12	Exam 1 13	7.1 14	7.2 15	7.3 16 Quiz 4
Week 5 October	7.3 19	7.4 20	7.4 21	7.5 22	7.6 23 Quiz 5
Week 6 October	7.6 26	Review 27	Exam 2 28	9.1 29	9.1 30 Quiz 6
Week 7 November	9.2 2	9.3 3	9.3 4	9.4 5	9.4 6 Quiz 7
Week 8 November	Veterans Day 9	9.5 10	9.5 11	9.6 12	9.6 13 Quiz 8
Week 9 November	Review 16	Exam 3 17	10.1 18	11.1 19	11.2 20 Quiz 9
Week 10 November	11.2 23	11.3 24	11.3 25	Thanksgiving Recess 26 27	
Week 11 November/ December	Review 30	Exam 4 1	2	Final Review 3	Final Review 4
Week 12 December	Sect 14 Final 11:30 – 1:30 7	Sect 17 Final 11:30 – 1:30 8	Final Exam Week 9 10		11
December	12	13	14	15	16

Important Dates:

Monday, Sept. 21 :: First day of Fall Quarter 2015

Saturday, Oct. 3 :: Last day to [add](#) quarter-length classes. *Add date is enforced.*

Sunday, Oct. 4 :: Last day to [drop](#) for a full [refund or credit](#) (for 12-weeks, quarter-length classes). Last day to drop for a refund/credit for all other classes is listed inside [MyPortal](#), on the Students Tab under 'View Your Class Schedule.' *Drop date is enforced.*

Sunday, Oct. 4 :: Last day to [drop](#) a class with no record of grade. *Drop date is enforced.*

Friday, Oct. 16 :: Last day to [request pass/no pass](#) grade. *Request date is enforced.*

Friday, Nov. 13 :: Last day to [drop](#) with a "W." *Withdraw date is enforced.*

Monday, Nov. 9 :: Veterans Day (classes will be held on Nov. 7)

Thursday - Sunday, Nov. 26 - 29 :: Thanksgiving Holiday Recess (college closed)

Saturday, Dec. 5 - Friday, Dec. 11 :: [Final exams](#)

Friday, Dec. 11 :: Last day to [file for a fall degree or certificate](#).

Friday, Dec. 11 :: Last day of Fall 2015 Quarter