**Math 114      Intermediate Algebra                                        Fall 2015**

**Section 14      CRN 1574      MTWThF      11:30- am – 12:20 pm   S34**

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

**Important Dates:**

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

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**Saturday, Oct. 3** :: Last day to add quarter-length classes. *Add date is enforced.*

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**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.*

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

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**Friday, Oct. 16** :: Last day to request pass/no pass grade. *Request date is enforced.*

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**Friday, Nov. 13** :: Last day to drop with a "W." *Withdraw date is enforced.*

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

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

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**Saturday, Dec. 5 - Friday, Dec. 11** :: Final exams

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**Friday, Dec. 11** :: Last day to file for a fall degree or certificate.

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