Math 114 (10:30-11:20 M-F) – Intermediate Algebra - Syllabus

Winter 2018

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Office Hours	Monday through Thursday 12:30 – 1:20, or by appointment

Course Materials:

- Math 114 Course Packet (this is our "textbook") – Intermediate Algebra Workbook – De Anza College
  - Available only at De Anza Bookstore. Please get this immediately. It's $48.70 plus tax.
    (If you prefer to print it yourself – it's 467 pages – email me for the PDF)
  - Bring this to class each day!
- A graphing calculator: I recommend TI-84 Plus, or TI-84, or TI-83
  - If you do not own one already and can't afford to buy one, you may rent one from a site such as http://www.rentcalculators.org or borrow one for short periods from De Anza Library
- Other supplies to carry with you:
  - Pencils, large eraser, ruler
  - Notebook and graphing paper
  - Stapler

Regular review/study to understand: You will benefit immensely by regularly reviewing the class notes and doing practice problems. In a math class, synthesizing the information you've been exposed to on a regular basis is crucial. This will allow you to be better prepared for quizzes and exams, especially the final exam. If you don't understand something, you have many options:

- Math Science Tutorial Center, S43 (www.deanza.edu/studentsuccess/mstrc/)
- Smartthinking **free** 24-hour online tutoring for De Anza students (www.deanza.edu/studentsuccess/onlinetutoring/) – limited to 3 hours for the entire term
- Remember that we live in a world where information is quite literally at our fingertips via the Internet. Empower yourself and use the Internet. Try Purplemath or Khan Academy. There are tons of math videos on YouTube also!

Homework: Homework is essential in any math class. You cannot expect to pass the class without putting consistent (daily) effort on homework and review. Its purpose is to help you practice and master skills, as well as learn focused problem solving. Schedule time for doing homework. Prioritize learning through disciplined practice and you will reap the benefits. You will have two types of homework assignments:

- **Paper and pencil homework** – At the end of each lesson in our workbook, there are 'Practice Problems'. Your written problem sets will come from these. These problems will be checked primarily for completeness.
- **Online homework** – You will have online homework on a free website called www.myopenmath.com. These will be graded for correctness. Details about signing up will be sent over email.

Entrance Cards: These will consist of a problem similar to recently covered material. Entrance cards may be posted for you to complete at the beginning of the class on any day! They will be unannounced and graded. You may use your notes. *Please keep several neatly cut half sheets of paper ready in your binder for when they are given. You will lose points for turning in untidy sheets of paper.*

Quizzes: Short quizzes will be given on a regular basis. Please see the calendar. The quizzes will be closed notes, but you will need your calculator. Quizzes cannot be made up. The lowest quiz grade will be dropped.

Exams: Three one-hour exams will be given in class. The exams will be closed notes, but you will need your calculator. There will be no make-ups for exams (before or after). Please see the calendar for dates. No exam scores will be dropped, so do not plan on missing any. Your lowest exam will be replaced by the final exam if the final exam score is higher. This rule will be applied in the case of a missed midterm.

Final Exam: A two-hour comprehensive final exam will be given as listed on the calendar. You will be allowed to use your calculator and one handwritten sheet of notes in your own handwriting.

Grading:

Item	Points
3 exams @100 points each	300
Quizzes: top 6 @ 15 pts each	90
Entrance Cards: top 5 @ 4 pts each	20
Homework: Written	50
Homework: Online	50
Final Exam	140
TOTAL	**650**

Overall Percentage	Your grade
97% or greater	A+
92 – 97%	A
89 – 92 %	A-
87 – 89 %	B+
82 – 87 %	B
79 – 82 %	B-
75 – 79 %	C+
70 – 75 %	C
55 – 70 %	D
less than 55%	F

CLASS POLICIES

Attendance: Attendance is important every day because all class time counts. Attendance is the most significant predictor or your success in a math class. Your math and critical thinking are skills that are improved through discipline. Students who attend class regularly are more likely to succeed, so come on time, stay for the whole class, and be active.

- If you are absent, you are responsible learning the missed material, finding out any announcements or assignment changes made in class. Be sure copy the missed notes from a classmate so you have the tools you need to do the homework. Email me if you need me to send you the notes.
- Late homework assignments will not be accepted. In case of an unforeseen emergency on a day that homework is due, scan or take pictures of all pages of your homework and email them to me.
- Entrance cards, quizzes and exams can only be taken during class, and cannot made up outside of class.
- If you exceed more than one week's worth of absences, you should strongly consider dropping the class.
- If something tragic occurs, please let me know how I can help you. I am willing to work with you if you are committed.
- If you stop coming to class, please drop yourself. If you fail to do so, you will receive an 'F'.

Academic Integrity: All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but simply copying down answers from another student is not only wrong, but will not contribute to your learning. Any instances of cheating or plagiarism will result in disciplinary action, which may include getting a '0' on the assignment, report to the PSME dean, which may lead to dismissal from the class or the college.

Participation: Active participation in class occurs when you are fully engaged in what is being discussed, and engagement is necessary for success. I look forward to hearing your voice. Use email to communicate with me outside of class. Learning is more effective and fun when done in a community, so please reach out to your classmates when you need help, or when you think they need help.

Classroom conduct: Civil conduct is a requirement for this class. My goal is to maintain a classroom environment that is conducive to learning for all students. I expect that you:

1. Arrive on time and stay for the duration of the class. Don't walk in and out of class, unless you're dealing with an emergency.
2. Do not carry on conversations while someone else is talking.
3. Out of courtesy to your classmates and me, please silence your phone during class.
4. Don't let your phone distract your learning process. Unless you expect an emergency, put away your phone.
5. Be ready to help your classmates and not be afraid to ask for help when you need it. We are all here to learn. Helping someone improves both people's understanding.

Disability Notice: If you have any special circumstances that you feel may influence your performance in this class (a diagnosed learning disability, physical disability, or anything at all that might interfere with your learning), please email or chat with me privately so we can best accommodate you and we can create a learning environment that works for you.

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.