SYLLABUS FOR MATH 114, INTERMEDIATE ALGEBRA, FALL 2015

Math114: 08, CRN: 21243

Instructor: Mick Petchprom

Email: petchprommick@fhda.edu

Class Hours: Tuesday and Thursday from 4:00 – 6:15 PM in room G2.

Office Hours: Thursdays from 10:30AM to 12:30P.M. in E-37.

Textbook: *Intermediate Algebra for College Students*, 5th Ed. De Anza Custom 2nd Edition by Blitzer.

Required: MyMathLab (for online homework) Username: **petchprom19398**

Grading:
Homework: Homework will be assigned online on MyMathLab.

Tests: There will be a total of 3 exams in the class: 2 midterms and 1 final. I do not give make up exams, unless you provide me with documentation. For example, if you had to visit the emergency room, then I will ask for a doctor's note. If you miss an exam without a valid reason, then you will receive a zero for that exam. In the event this occurs, you will be permitted to replace the zero you received on one midterm exam by your next midterm (or final exam in the event you miss the second midterm) grade on a percentage

equivalent basis. The final exam will be cumulative.
Final Exam: The date of the final is exam is on Thursday August 6th.

Homework 25%
Midterm 1 20%
Midterm 2 20%
Final 35%

Grade Breakdown:
90 -100% = A.
80 -89% = B.
70 -79% = C.
60-69% = D.
below 60% = F.

This grading scale is not set entirely in stone. I may curve the class at the very end of the course. It depends on how the entire class performs, but the above scale will be a good indication of how you are doing in the course.

Student Learning Outcomes:

Evaluate real-world situations and distinguish between and apply exponential, logarith-mic, 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, formal, numerical, and written.

Course Description: Develop, throughout the course as applicable, systematic problem solving methods. Investigate the characteristics of rational expressions. Develop rational function models to solve problems. Explore the concepts of inverse relation and inverse function. Investigate the graphical and numerical characteristics of exponential relation-ships and describe their meaning in the context of a problem. Explore logarithmic func-tions. Develop exponential and logarithmic function models to solve problems. Investigate distances on a number line and in a plane and develop the equation of a circle. Explore sequences and series. Use systems of three linear equations to solve real world problems.

Prerequisites: Completion of Math 112 with a grade of C, or equivalent; qualifying score on Placement Test. You should have solid arithmetic skills. This is because we will be studying algebra and it depends heavily on you having a strong foundation in arithmetic.

Free Tutoring: I strongly encourage you to utilize the free tutoring services at the Math Tutoring Center. More information can be found here:
http://www.deanza.edu/studentsuccess/mstrc/

Supplemental Resources: I encourage you to poke around the library and web to see what other supplemental resources exist. One great resource is the following link:
http://tutorial.math.lamar.edu/Classes/Alg/Alg.aspx

Disability Support Services: If you need to contact the Disability Support Services, then please contact them as soon as possible. More information can be found here:
https://www.deanza.edu/dss/

Academic Integrity: This is pretty straightforward: Do not cheat on homework, exams, or directly copy other student's work. It is not worth getting caught and suffering the consequences. For more information about De Anza College's policy on academic integrity: https://www.deanza.edu/studenthandbook/academic-integrity.html

Policies for This Class: These policies are part of the syllabus and will be strictly enforced. By enrolling in this course, you as the student agree to accept these policies and follow them and agree that the instructor reserves the right to drop a student from the course with a W if any of the policies are violated. Further action may also be taken against a student who violates special policies, such as the policy on cheating.

Cell phone use (talking on your phone, texting, etc.) during lecture is not allowed. This is considered to be rude behavior and tells me that you are not paying attention in class. If you are using your phone, then you will be warned once to stop. If it happens again, then you may be asked to leave the class and you will not be allowed back into the class until you emailed the instructor or talked to him before the next class meeting.

Talking during class is also not allowed. This is also considered to be rude behavior, and it is distracting to the professor. If you are being disruptive and talking to another student during class, then I reserve the right to move you to the front of the classroom or I may ask you to leave the class and you will not be allowed back until the class until you have emailed the instructor.

If you have an emergency and need to use your cell phone, then you are free to excuse yourself from class to deal with the situation.

Tests must be completed by the time class time ends. You will receive a two minute warning before your time is fully up. When time is over, you must put down your writing utensil and stop writing immediately. If you do not stop writing immediately, your test may not be collected and you may receive a grade of zero. Also, during exams everything must be off of your desk and either in your backpack (or under your seat if you do not have a backpack). If the instructor sees any phones, paper, notebooks, textbooks, etc. out during an exam, then it will be considered cheating and the student will receive a zero for that exam. If the instructor observes a student placing his or her hands beneath his or her desk for an extended period of time, the instructor may ask that student to stand up or move to another desk. If a student is observed with a cell phone in his or her hands, lap, or other easily accessible place after the student has received his or her test, that student will be considered cheating and will receive a zero on that test.

If a student is caught cheating, the instructor reserves the right to assign a grade of F for the entire course or to drop the student with a W from the course. If a student is returned a graded test or quiz and the student changes his or her incorrect answers in order to receive more points, the student is considered cheating and such an act will carry the same consequences as those mentioned above. If you are caught cheating on the final exam, you will automatically receive a grade of F for the course.