De Anza College Winter 2015 PSME Division

MATH 114 – Intermediate Algebra

Instructor: Winnie Wong, PhD   **Class: MW 1:30 PM – 3:45 PM, Room L62**

E-mail: wongwinnie@fhda.edu   **Office Hours: MW 3:45 PM – 4:00 PM, Room L62**

Communication Tool: MyPortal.fhda.edu. Please check frequently for most updated information regarding the class. I will also upload written HW, test solutions, and useful links there. You can email me with any questions or concerns. Please note that for your protection, I do not release or discuss any personal information, including student's grade, via phone or email.

Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 with a grade of C or better, or equivalent.

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273

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Textbook: Intermediate Algebra, 5th edition by Robert Blitzer.
I will be assigning the online portion of the HW through MyMathLab. If you feel that an online e-book is sufficient, there is no need to purchase an actually textbook.

Calculator: A graphing calculator (e.g. TI-83 or TI-84) is recommended, but not required. Symbolic calculators (e.g. TI-89 or TI-92) are not allowed on exams or quizzes. Cell phone calculators are not allowed on exams or quizzes. You may also try the online graphing tool at desmos.com in place of your graphing calculator when studying or doing your HW. It gives much better resolution.

Objective: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis is on the development of models of real world applications and interpretation of their characteristics

SLO: The Mathematics Department at DeAnza College has established these outcomes for Math 114.
Outcome 1: Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
Outcome 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.

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Attendance: Students are expected to attend all classes on time and to stay for the entire class period. Any student who misses more than two class during the first two weeks may be dropped by the instructor. If a student decides not to continue the course, it is the student's responsibility to drop or withdraw by the official

college deadlines. Failure to do so may result in a grade of F for the course. Students are allowed 3 absences during the entire semesters. No questions ask. On or after your 4th absence, 1% of your final grade will be deducted for EACH ABSENCE. I also count tardy. Three tardies will equal one absence. You will get a tardy if you are late to class (after I take roll) or decided to leave before class officially ends.

Commitment: Students are expected to commit five (5) hours coming to lectures each week. Adequately prepared **student are also expected to spend about ten (10) HOURS PER WEEK outside of class** studying, preparing/reviewing for tests, and completing homework (online and written). Students should prepare for the class sessions by reading the appropriate section before class. Students who choose not to commit the necessary time and effort will be unlikely to succeed in this course.

Homework: **There will be two types of homework.** Written homework will be assigned periodically and collected at the beginning of lecture on the due date. Late written homework will NOT be accepted. I will, however, be happy to accept homework early if you know that you will not be able to make it to class. The written HW aims to train your skills to articulate your thoughts on paper in an organized and logical manner. The expectation on the written HW will be given to you when they are assigned. The online homework is hosted online at **www.mymathlab.com.** The course ID is **wong23353.** Students should check online periodically for assignment due dates. You can obtain more information on how to register into this class online at http://help.pearsoncmg.com/xl/get_started/student/mmnd/get_started_stu_mmnd.pdf. I will allow 5 extensions to your online homework assignments (NOT written homework). Homework assignments consist of problems from the textbook.

Quizzes: Five 30-minute quizzes will be given based on class work and homework assignments. Quizzes are closed book and closed notes. You may use a calculator during your quiz (see restrictions in the Calculator section). Other electronic devices are not allowed. I will drop the quiz which has the lowest score. If you are absent from a quiz, your quiz will be assigned a score of zero. **There are no early or makeup quizzes.**

Tests: There will be Three (3) 60-minute midterm. Midterms are closed book and closed notes. You may use a calculator during your quiz (see restrictions in the Calculator section). Other electronic devices are not allowed. If you are absent from a midterm, your midterm will be assigned a score of zero. I will drop the exam which has the lowest score. If you are absent from an exam, your exam score will be assigned a score of zero. **There are no early or makeup tests.**

Final Exam: The final exam will be given on **Tuesday, March 24 at 1:45 p.m. - 3:45 p.m**. You may use a calculator during your exam (see restrictions in the Calculator section). Other electronic devices are not allowed. The final exam is closed book and closed notes. If you cannot make it to the final exam in person, you will receive an F grade in this course. If you have a conflict with this exam date or time, please drop the class and enroll in another session. Final exam is comprehensive of all material taught during the semester. **There is no early or make up final exam.**

Grades:	The course grade consists of:

Homework	16% (10% online; 6% written)
Quizzes (4 – 6% each)	24%
Midterms (2 – 15% each)	30%
Final exam	30%

The course grade is performance based:

90 % and above	A
80 % to 89.99 %	B
70 % to 79.99 %	C
60 % to 69.99 %	D
Below 60 %	F

Incomplete: A grade of incomplete will only be given if a student has at least a C average in the course work up to the time the incomplete is requested but some portion of the course remains unfinished because of serious illness or for some other reason over which the student has no control. The reason for requesting the incomplete must be documented.

Dropping: Students must drop by a certain date for a refund of fees – check the De Anza website for information. **Students on the final class roster who have not dropped and who do not show up for the final exam will receive an F in the course.** It is your responsibility to make sure you have completed the drop process and are dropped from the class if you choose to do so.

Tutoring: The Math and Science Tutorial Center (S43) offers free individual and group tutoring. Please take advantage of these free services. Tutorial assistance often means the difference between students earning a passing or failing grade. Dot not hesitate to come to my office hours to discuss a homework problem or any aspect of the course.

Academic Honesty:

Students are responsible for keeping themselves informed of the College policy on academic integrity. Refer to www.deanza.edu/studenthandbook. Cheating will not be tolerated and can result in receiving a zero on the quiz/exam or an F for the course and being reported to the Dean of Students for possible disciplinary action.

Accommodations for Disabilities:

Disability Support Services (DSS) provides support services for students with disabilities. For more information or to make an appointment to request services, contact DSS at 408-864-8753.

Tentative Calendar Winter 15:

Week	Monday	Wednesday
1	Syllabus, Chapter 1	4.2, 4.3
2	5.3, 5.4, 5.6	11.1, 11.2, **Quiz #1**
3	Holiday	11.3, 6.1
4	**Exam #1**	6.2, 6.3
5	6.4, 6.6	6.7, **Quiz #2**
6	6.8, 7.1	**Exam #2**
7	Holiday	7.2, 7.3
8	7.4, **Quiz #3**	7.5, 7.6
9	9.1	**Exam #3**
10	9.2, 9.3	9.4, **Quiz #4**
11	9.5, 9.6	10.1
Final	Review, **Quiz #5**	

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Please note that this is only a tentative course schedule. When there is a modification to this schedule, you will be notified during class time as well as on the portal.