

De Anza College Winter 2009

Course: Intermediate Algebra (Math 114)
Lab:6:00-7:50 S42; Lec:8:00-9:40 S16
Monday and Wednesday

Instructor: Bill Abb
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Prerequisite: Qualifying score on Math Placement Test within last calendar year;
or Mathematics 112 with a grade of C or better.

Materials: Book and Site License for ENABLEMATH: Enablelearning/Noel-Levitz;
purchased in the De Anza College Bookstore or online through:
<http://www.enablemathcollege.com>.
A graphing calculator is recommended. The TI-83 or TI-84 is preferred,
and the TI-89 is not allowed.
EnableMath Math 114 Supplemental Handouts Winter 2009. Buy in the
De Anza College Bookstore.

CSI Survey: CSI means "College Student Inventory". EnableMath requires
participation in the CSI student retention program. Students will be
dropped from the class for failure to participate in the CSI program.
The CSI will be taken in the lab (30-40 minutes, on average) during
Monday, January 12th or Wednesday, January 14th.

Objectives: The student will:

- Develop systematic problem solving methods.
- Investigate the characteristics of rational relationships.
- Develop rational function models to solve problems.
- Explore the concepts of inverse relations and functions.
- Investigate exponential relationships.
- Explore logarithmic functions.
- Develop exponential and logarithmic models to solve problems.
- Investigate distance and develop the equation of a circle.
- Explore sequences and series.
- Investigate how mathematics has developed as a human activity
around the world.

Goals: For each student to be able to retain and be able to use the information
from the course.

- Exams:
+Final Three 100 point examinations will be given during the Winter quarter. The dates are listed on the calendar. No make-up exams will be given for any reason. You may replace the lowest exam with the final exam score if the final exam score is higher. To pass the class, you must take the final examination. The final examination will be given on Wednesday, March 25th, from 8:30-10:30 PM.
- Homework: Homework is assigned on the computer. Homework is graded automatically. By consistently doing the homework on the computer, you, the student, will learn the most. Doing the homework is the key to your success.
- Activities: This is an activity based class. Thus, there will be in-class group activities usually done in the lecture portion of the class. Part of the activities may need to be completed outside of class. No late activities will be accepted.
- Quizzes: Quizzes are indicated on the calendar and are based on the completed homework assignments. Missed quizzes cannot be made up for any reason.
- Attendance: Students will be allowed four absences. On the fifth absence the student will either be dropped from the course, or the student will receive a failing grade.
- Assigned:
Points 3 examination @ 100 points each = 300 points
1 final examination @ 100 points = 100 points
EnableMath homework = 200 points
4 quizzes @ 25 points each = 100 points
Activities @ 5 points each = 100 points
Total points = 800 points
- Grading:
- | | |
|----|---------|
| A | 744-800 |
| A- | 720-743 |
| B+ | 696-719 |
| B | 664-695 |
| B- | 640-665 |
| C+ | 616-639 |
| C | 560-615 |
| D+ | 536-559 |
| D | 504-535 |
| D- | 480-503 |
| F | 0-479 |

