Math 125 Intermediate Algebra (Section 3328)                      Fall 2008
Days and Time: TTh 19:00-21:30    Bung 1                        (9/2/2008-12/12/2008)
Instructor: Samvel Hovasapyan, contact: hovasasa@lamission.edu
Office hours: T, Th 18:30-19:00 pm, Math Lab in the Learning Center
Course Description: Topics to be covered include: fundamental algebraic operations, linear, quadratic,
exponential, and logarithmic functions and equations; linear and nonlinear inequalities; systems of equations and
inequalities; matrices and their determinants; radicals and radical equations, complex numbers.
Student Learning Outcomes: By the end of the semester students are expected to know how to solve absolute-
value linear equations and inequalities, use and interpret function notations in both algebraic and graphical
context. Students are expected to be able to graph and analyze a two-variable equation in the Cartesian coordinate
plane using the method of transformations. Students will be able to write and analyze quadratic models, solve a
system of three equations, analyze and solve exponential or logarithmic equations.
Prerequisites: Math115 or Math 114 with a grade of “C” or better or appropriate skill level demonstrated through
the Mathematics assessment process, or by permit.
Attendance: Daily attendance is required. Absences or tardiness may affect course grade. Class will start at
19:00 sharp. Students missing class are responsible for finding out what they missed and what is due. I suggest
you to get phone numbers from a few classmates. Students are required to stay to the end of the each class
meeting. Attendance will be taken twice per day. Cell phones during class time must be turned off or be on silent
mode. Side conversations between students that disturb the flow of the lecture will not be tolerated.
Positive learning behavior is required. It is the student’s responsibility to drop the class no longer being
attended.
Homework/Quizzes: Since the best way to master mathematics is to do problems, you will be required to do a
lot of homework problems. Answers to odd problems are in the back of the book. You are expected to check your
answers and try to correct mistakes. Your homework will be checked usually on the days of test or quizzes, but
you need to be prepared to show your HW every day. NO late homework will be accepted. Any Homework can
give you up to 10 points. The points will be assigned based on quality and quantity.
Short and sometimes unannounced quizzes will be given at mid- chapter; they will often have problems taken
directly from the HW assignment. It will help me to recognize quality of students’ works. NO make-up quizzes
will be given. No quiz score will be dropped.
Tests/Exams: Every test is approximately 80 points. Final exam is approximately 150 points. Approximately 5
tests will be given. The lowest test score will be dropped. NO make-up tests will be given. No electronic
devices during the tests, except scientific calculator. Show your work to receive full credit. No Credit given w/o
work. Cheating is a form of theft. There is no excuse for it.
Classroom Participation: I highly encourage classroom participation. Taking notes is mandatory.
Grading policy: HW- 10%, Class participation, Quizzes -10%, Tests (excluding Final exam) – 50%, Final
Help: The Learning Center offers free tutoring by student tutors.
Disability Policy to state: “All students with disabilities requiring accommodations should contact the Center
for Students with Disabilities to make arrangements. It is the student’s responsibility to follow up with the
instructor as soon as possible.” Specific contact information for the Center for Students with Disabilities may be
included.
Important Dates:
9/12 - last day to add the class.
9/26 - last day to drop the class without a “W”
11/21- Last day to drop the class with a “W” (in person).
11/21- Last day to drop the class with a “W” (Internet/STEP (phone))
11/27-11/29 Thanksgiving Holiday
12/14/-12/20/2008 Final Exam
Good Luck! I hope we will have a successful semester