MATH 92 ELEMENTARY ALGEBRA

CRN 15194   Tu Th  8:30 a.m. – 9:45 a.m.   Room NEC 109

Instructor:  Pat Stinson   EMAIL:  pstinson@pima.edu

Office Hours:  By appointment immediately following class at 9:45 on TuTh

COURSE PREREQUISITE

To be enrolled in this class you must have taken the Pima Community College Math Placement Exam and scored high enough to begin your math courses at this level or have completed Math 86 at Pima or a similar course at another college and received a grade of C or higher.

TEXTBOOK

Beginning Algebra by Lial, Hornsby, McGinnis (Tenth Edition)

COURSE DESCRIPTION AND OBJECTIVES

Introduction to basic algebra includes translating written statements into algebraic expressions, linear equations, linear inequalities, graphing, integer exponents and polynomials. It also includes factoring, simple rational expressions, square roots, quadratic equations, and optional topics. Upon completion of the course, students will be able to meet the following performance objectives:

1. Express written statements algebraically.
2. Solve linear equations.
3. Solve systems of linear equations in two variables graphically and algebraically.
4. Solve linear inequalities and graph solutions on the number line.
5. Graph linear equations and inequalities.
6. Apply laws of exponents to expressions with integer exponents.
7. Perform the basic operations on polynomials.
8. Factor polynomials.
9. Reduce and build rational expressions.
10. Add, subtract, multiply and divide simple rational expressions and solve rational equations involving linear equations.
11. Simplify and perform operations on numerical square – roots.
12. Solve quadratic equations by factoring or using quadratic formula.
GRADING

It is possible to earn a total of 690 points during the course. Your goal is to earn as many points as possible. Points can be earned in the following manner:

3 Tests (100 points each) 300 points
Final Exam 150 points
Homework 50 points
Homework Quizzes 100 points
Paticipation Points 90 points

DETERMINING YOUR FINAL GRADE

Final grades will be assigned according to the following scale:

621 points or more = A
552 – 620 points = B
483 – 551 points = C
414 – 482 points = D
Less than 414 = F

After each test during the semester you will receive an individualized progress report of the points you have accumulated. This report will include all points earned up to that time, so you should be able to keep an accurate record of your progress in the class. You must be earning a C or higher to receive a P for a grade. **No grade of I will be given unless there is an extreme emergency that develops for a student, such as a long serious illness or military deployment.** The grade of Y is no longer used at Pima Community College. **You may not proceed to the next course unless you earn a grade of C or higher in this course.**
TESTS

All chapter tests and the final exam will be taken in the class at regularly scheduled class times. Dates for the tests are clearly stated in the assignment calendar. It is your responsibility to pay close attention to test dates so that you do not miss an opportunity to earn points. All students are expected to take tests as scheduled.

HOMEWORK

Homework is assigned regularly. Detailed homework assignments and due dates are in the assignment calendar that accompanies this syllabus. Homework is your chance to practice what we have covered and learned in class. Math is like a sport. You have to actively work on it and practice to get better.

QUIZZES

Quizzes may be unannounced and will contain problems from or similar to homework problems that have been previously discussed. It is your responsibility to be in attendance and be up to date on homework so that you can take the quizzes and earn as many points as possible. There are no makeup quizzes for any reason!

PARTICIPATION

You will be asked to work various problems in the class each day either individually or in groups. If you are not present in class you cannot get the points for participation. There are approximately 3 participation points per scheduled class day. If you are absent or arrive late you will miss participation points.

IMPORTANT DARES FOR WITHDRAWAL FROM THE COURSE

September 8, 2009 Last day to drop with a refund

November 12, 2009 Last day to withdraw with a W
ARE YOU HAVING DIFFICULTY OR FALLING BEHIND?

1. Make an appointment to see me during office hours for some one-on-one help.
2. Use the tutoring services available in the Library area at the East Campus. They have daily hours convenient for most students.
3. Use any video lessons that may have come with the text.
4. Exchange numbers with fellow students to arrange group study times. This course can be more fun when you study with friends.

SPECIAL NEEDS STUDENTS

I am happy to accommodate any student with special needs as soon as I receive the proper documentation from the DSR office. To obtain the necessary paperwork for this you must contact and be seen by someone at the East Campus DSR office.

STUDENT RESPONSIBILITIES SUMMARY

Students in this course are expected to assume the following responsibilities:

1. When you are absent you should:
   a. notify me by email as soon as possible.
   b. cover the material from the missed class period on your own.
   c. be aware that an absence does not extend any homework, or test deadlines outlined in the syllabus.
2. All students should review the Pima Community College Code of Conduct and are expected to adhere to it in this course. The instructor as well as the students in this course shall act in a manner that insures a positive learning environment by treating each other with respect at all times.
3. No student should cheat on an exam. Cheating would consist of copying another person’s work, talking with another student during the exam, using unauthorized notes during the exam, using cell phones to text someone for assistance on an exam or copy questions from the exam, or using a calculator on portions of the exam that might prohibit the use of a calculator. Any student caught cheating will receive no points for that exam.
STUDENT ACKNOWLEDGMENT FORM

I have received my syllabus and assignment calendar for Math 92. I have read and understand the rules and expectations of this course and agree to follow them.

________________________________________________       _______________
Signature               Date

STUDENT INFORMATION

Name _________________________________________________   ( please print )

What is the most recent math course you have taken, where did you take it and how do you feel you progressed in that course?
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

In case I need to contact you during the semester for any reason, choose a preferred method of communication.

Email ________________________________ or Phone __________________________
