Three Rivers Community College
Pre-Algebra, Number Sense, Geometry -- MAT 075-14
T/Th 1:00 – 2:15
Spring 2011

Instructor: **Susan L. Hawes**
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Text: Pre-Algebra, 6th edition, by Martin-Gay
MyMathLab Course Code **hawes51708**

Credit: 3 credit hours (this course credit does not count towards
graduation requirements)

Course Description: This course focuses on basic arithmetic and pre-algebra skills.
Topics include: whole numbers, fractions, decimals numbers, proportions, ratios,
percents, perimeter, area, volume, applications, signed numbers, algebraic expressions
and equations.

Prerequisite: Appropriate placement score. A grade of "C" or greater is required to pass
this course.

Course Requirements

Attendance: Attendance is <u>mandatory.</u> If you miss class, <u>due to emergency</u>, it is your
responsibility to get the notes & assignments from that class to stay up-to-date. A
classmate's phone number is a good "just in case" plan.

Grading: There will be three exams, including the final, each worth 25%. There will be
several unannounced quizzes, typically given at the beginning of class, so it is to your
advantage to be on time. If I distribute the quiz before you arrive to class, your quiz
grade will be a zero. **There are no make-up tests/quizzes**. The two lowest quiz scores
will be dropped (this allows for two absences/tardies <u>due to emergency</u>). The quiz
average will be equivalent to one exam grade and is, therefore, 25% of your course grade.
Come to class prepared *every day* for a potential quiz.

MyMathLab Homework: Homework is critical to your success in this class and will be
collected/recorded. As part of your HOMEWORK assignment, you will be expected to
read the material that was lectured on in class that day. The HW is due the class after
lecture on a section. No late assignments accepted without a valid reason.

Classwork: If there is time after the lesson, classwork will be assigned. You are expected to write the problem and follow all the steps given in class and on notes. Qaulity, not Quantity. IF you don't finish the classwork assignment, you do NOT have to finish it for homework. HOWEVER, I generally take quiz/test questions from the problem section of text, classwork, and notes. It is in your best interest to at least look over what problems you may need more practice and surely write the assignment down!

Bring to *Every* Class:
- Text book
- 3-ring binder w/loose leaf paper
- highlighter
- 2 pencils
- pen

Organization of Binder:
- Class Notes
- Classwork (CW) – labeled with section
- Homework (HW) – labeled with section
- Quiz goes after last section it covers
- Test goes after last chapter it covers

Supplementary Tools & Resources:
- MyMathLab software
  - Study Plan: Individualized Practice
- Learning Center/TASC
  - Free tutoring!

MAT075 Course Outcomes

1. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriate use of inequality symbols with signed numbers.
2. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriate use of inequality symbols with fractions.
3. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriate use of inequality symbols with decimals.
4. Identify proportions
5. Find equivalent ratios
6. Solve proportions
7. Set up and solve application problems using rations and proportions.
8. Calculate perimeters, areas, and volumes of basic geometric shapes using appropriate units of measurement.
9. Solve first degree equations in one variable.
10. Solve basic word problems.
11. Use mathematics terminology effectively in writing and speaking.

Class Cancellation

Facebook Status
MyMathLab Announcement
Sign on Classroom Door
Phone Tree

Disabilities Statement: If you have a disability which may require classroom or test-taking modifications, please see Chris Scarborough. Proper documentation must be provided to me before accommodations can be made.