

Three Rivers Community College  
Division of Mathematics

**MAT\*K075 – T12 – 30420 T, R 1:00p – 2:15p**  
**Pre-algebra Number Sense, Geometry**

FALL 2010 Course Syllabus (D206)

**Instructor:**

Ricardo Martinez Jr.

Email: [rmartinez@trcc.comnet.edu](mailto:rmartinez@trcc.comnet.edu)

Office: C154

Office Hours: M, W, F 11:00am – 12:30pm and T, R 10:00am – 11:00am

Phone: 860-383-5249

**Required Materials:**

- 1) Textbook: *Pre-algebra, 6<sup>th</sup> edition* By: Elayn Martin-Gay  
Pearson Prentice Hall Publisher
- 2) Scientific Calculator: A TI-83 or TI-83 Plus graphing calculator will be needed for MAT 137.
- 3) Regular 2-subject notebook or 3-ring binder with paper for notes/groupwork/classwork.

**Recommended Materials:**

- a) Folder: recommended for information (class syllabus, classwork handouts, MyMathLab info, etc)
- b) Ruler: for graphing straight edges.

**Course Supplement:**

MyMathLab online resource program.

## Evaluation and Grading Criteria:

Course Grades will be calculated based on the following percentages:

20% Homework/MML assignments

20% Quizzes

35% Tests

25% Final Exam

Quizzes: All quizzes will be taken on MML. You will have 60 to 90 minutes to complete each quiz. You will also be granted 3 attempts at a highest possible grade. That highest grade will be the result that counts towards your quiz average.

Homework: Homework will be assigned on MML each class. All assignments are due at the end of the semester.

Test: Tests will be administered in class. You are expected to be present in class on a day of a given test. If you are going to be absent for a test, you must notify me by email or phone **before or on the day of a test or you will not be allowed a make-up**. If you are allowed to make-up the test, please note that your make-up version will be more difficult than the original test. You will also be solely responsible for scheduling an appointment with me for that make-up.

Extra Credit: There is no “extra credit” given in this course. Students who struggle with course assignments do not need “extra” work.

Math Lab: The Three Rivers Math Computer Lab is located in the TASC room in C-117 (next to the new library).

Grades: Final grades will be calculated and transferred to the following letter grades.

93 and above	A	73-76	C *
90-92	A-	70-72	C- *
87-89	B+	67-69	D+
83-86	B	63-66	D
80-82	B-	60-62	D
77-79	C+	Below 60	F

\* A letter grade of C is required to advance to MAT\* K095. A letter grade of C- will not meet the requirement.

## Attendance Policy:

Absence from class may jeopardize student performance and the overall value of classroom instruction. You are strongly encouraged to attend all class meetings. **You are responsible for any note taking, class assignments, and homework given in your absence.** You are also expected to arrive on time to class.

## Class Cancellation Policy:

If the instructor is late, the class is expected to wait 15 minutes before leaving or until informed of a cancellation by a college official. Information on weather related closings/late openings concerning Three Rivers Community College can be obtained through local radio and television stations, or via the college website (<http://www.trcc.commnet.edu>).

## Accommodations:

Students with Learning Disabilities should contact the Learning Specialist, Chris Scarborough at 860-892-5751 or at [cscarborough@trcc.commnet.edu](mailto:cscarborough@trcc.commnet.edu) as soon as possible to ensure timely accommodations.

Students with Physical Disabilities should contact Judy Hilburger at 860-892-5744 or at [jhilburger@trcc.commnet.edu](mailto:jhilburger@trcc.commnet.edu) or Matt Liscum at 860-383-5420 or via email at [mliscum@trcc.commnet.edu](mailto:mliscum@trcc.commnet.edu) to facilitate accommodations.

## Cell Phones:

"Cell phones and beepers are allowed in class only if they are turned off or turned to a silent mode. Under no circumstance are telephones to be answered in class." Students who ignore this policy will be asked to leave class. If there are extenuating circumstances, the student must contact the instructor prior to class to make the proper accommodations.

## Important Dates:

**Aug 25<sup>th</sup>** – Last Day to Drop Classes for Full Tuition Refund

**Aug 26<sup>th</sup>** – Classes Begin

**Nov 15<sup>th</sup>** – Last day to apply for Spring (May 2011) Graduation

**Dec 9<sup>th</sup>** – Last Day to Withdraw from Classes

**Dec 16<sup>th</sup>** – **Final Exam.**

**Dec 19<sup>th</sup>** – **ALL MML homework and Quiz Assignments Due**

**Dec 21<sup>st</sup>** – Final Grades Due

**Dec 29<sup>th</sup>** – Final Grades posted online

Tentative Course Outline for MAT K075:

***Chapter 1 - The Whole Numbers.*** **8/26 – 8/31**

- 1.7 Exponents and Order of Operations
- 1.8 Introduction to Variables, Algebraic Expressions, and Equations.

***Chapter 2 – Integers and Introduction to Solving Equations.*** **8/31 – 9/9**

- 2.1 Introduction to Integers.
- 2.2 Adding Integers.
- 2.3 Subtracting Integers.
- 2.4 Multiplying and Dividing Integers.
- 2.5 Order of Operations.
- 2.6 Solving Equations: The Addition and Multiplication Properties.  
Chapter 1 & 2 Test: **9/14**

***Chapter 3 – Solving Equations and Problem Solving.*** **9/16 – 9/23**

- 3.1 Simplifying Algebraic Expressions
- 3.2 Solving Equations: Review of the Addition and Multiplication Properties
- 3.3 Solving Linear Equations in one Variable.
- 3.4 Linear Equations in one Variable and Problem Solving.

***Chapter 4 – Fractions and Mixed Numerals.*** **9/28 – 10/12**

- 4.1 Introduction to Fractions and Mixed Numerals
- 4.2 Factors and Simplest Form
- 4.3 Multiplying and Dividing Fractions.
- 4.4 Adding/Subtracting Like fractions
- 4.5 Adding/Subtracting Unlike Fractions
- 4.6 Complex Fractions and Review of Order of Operations.
- 4.7 Operations on Mixed Numbers.
- 4.8 Solving Equations Containing Fractions.  
Chapter 3 & 4 Test: **10/14**

***Chapters 5 – Decimals*** **10/19 – 10/28**

- 5.1 Introduction to Decimals.
- 5.2 Adding and Subtracting Decimals.
- 5.3 Multiplying Decimals and Circumference of a Circle.
- 5.4 Dividing Decimals.
- 5.5 Integrated Review—Operations on Decimals.
- 5.6 Fractions, Decimals, and Order of Operations.

***Chapter 6 – Ratio, Proportion, and Triangle Applications.* 11/2 – 11/9**

- 6.1 Ratios and Rates
- 6.2 Proportions
- 6.3 Proportions and Problem Solving
- 6.4 Square Roots and the Pythagorean Theorem
- Chapter 5 & 6 Test: **11/11**

***Chapter 7 – Percent* 11/16 – 11/30**

- 7.1 Percents, Decimals, and Fractions
- 7.2 Solving Percent Problems with Equations
- 7.3 Solving Percent Problems with Proportions
- 7.4 Applications of Percent
- 7.5 Percent and Problem Solving: Sales Tax, Commission, and Discount
- 7.6 Percent and Problem Solving: Interest

***Chapter 9 – Geometry and Measurement* 12/2 – 12/9**

- 9.2 Perimeter
- 9.3 Area, Volume, and Surface Area

Final Exam Review: **12/14**

Final Exam: **12/16**

# THREE RIVERS COMMUNITY COLLEGE

## Course: Pre-Algebra, Num. Sense, Geometry Fall 2010

### What you need to get started:

1. A Valid Email Address
2. A Course ID # (martinezjr.76438)
3. A Student Access Code (provided with the purchase of your new textbook)

### Step-by-Step Registration Instructions

- 1) Go to [www.coursecompass.com](http://www.coursecompass.com) and click on Register, as a student. (You only need to register ONCE)
- 2) Enter your:  
**six-word student access code, found in package accompanying textbook, pull perforated strip**  
school zip code: **06360**  
country: **United States**
- 3) Enter the Course ID which is: **martinezjr.76438**
- 4) Fill in the requested information, and then create your unique Login Name and Password.  
*You will use the login name and password you create to access My Math Lab the remainder of the semester*

### Login Instructions (after you have registered):

- 1) Go to [www.coursecompass.com](http://www.coursecompass.com)
- 2) Click **Log in** under the **STUDENT** area.
- 3) Enter the login name and password that you created during registration.
- 4) At the **Welcome** page, you will see your course under the heading **Courses you are taking**. Click the course name to enter My Math Lab.
- 5) You must enable pop-ups from this site.
- 6) The first time you enter the site from your computer and anytime you use a new computer, click on the software **MyMathLab Installation Wizard** link in the Announcements page. This wizard will walk you through the installation of the software you will need to run MyMathLab.

### Technical problems:

Call Tech Support at 800-677-6337, Monday – Friday 9am – 6pm EST. (Additional help can be found on the Announcements page by clicking on Student Help or viewing the tip sheets.)

**GOOD LUCK THS SEMESTER!**