

Three Rivers Community College  
Division of Mathematics

**MAT\*K075 – TSP – 30963 M, W, F 3:00p – 3:50p, D219**  
**Self-Paced Pre-algebra Number Sense, Geometry**

FALL 2009 Course Syllabus

**Instructor:**

Ricardo Martinez Jr.

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

Office: C154

Office Hours: M, W, F 1:00p – 1:50p and T, R 11:00a – 12:00pm

Phone: 860-383-5249

**Required Materials:**

- 1) Textbook: *Pre-algebra, 5<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 a later Math course.
- 3) Regular 2-subject notebook or 3-ring binder with paper for scratch notes.

**Course Supplement:**

MyMathLab online resource program.

**Evaluation and Grading Criteria:**

Course Grades will be calculated based on the following percentages:

25% Homework/MML assignments  
20% Attendance  
30% Tests  
25% Final Exam

Quizzes: Quizzes will be given on MML.

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

Test: These will be administered in class. Tests cannot be made up unless there are **documented unavoidable circumstances**. In this situation, the student must communicate this circumstance with the instructor prior to the day of absence. If the circumstance takes place **on that same day**, the student must contact the instructor **on that same day** in order to be allowed to make up the test. Tests cannot be made up during class time.

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 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\* K137. A letter grade of C- will not meet the requirement.

### Attendance Policy:

A portion of your grade will be based on attendance. You will be allowed to perform your assignments and quizzes at home using MML. However, your tests will be taken **in class**. **This is not a fully online course.** It is a self-paced version of a traditional class. Attendance, therefore, is mandatory.

### 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:

Dec 9	Last Day to Withdraw from Classes
Dec 17	Projected Final Exam Date
Dec 18	Last Day of Classes
Dec 17-18	Makeup/Supplemental sessions – Instructor Discretion
Dec 21	Final Grades Due
Dec 29	Student grades available on Web

Tentative Self-Paced Schedule for completion of MAT K075 in one semester:

### ***Chapter 1 - The Whole Numbers.***

8/26/09	1.7	Exponents and Order of Operations
8/28/09	1.8	Introduction to Variables, Algebraic Expressions, and Equations.

### ***Chapter 2 – Integers and Introduction to Solving Equations.***

8/31/09	2.1	Introduction to Integers.
9/2/09	2.2	Adding Integers.
9/4/09	2.3	Subtracting Integers.
9/7/09	2.4	Multiplying and Dividing Integers.
9/9/09	2.5	Order of Operations.
9/11/09	2.6	Solving Equations: The Addition and Multiplication Properties.

9/14/09 Chapter 1 & 2 Test

***Chapter 3 - Linear equations and inequalities in two variables; Functions***

9/16/09	3.1	Simplifying Algebraic Expressions
9/18/09	3.2	Solving Equations: Review of the Addition and Multiplication Properties.
9/21/09	3.3	Solving Linear Equations in one Variable.
9/23/09	3.4	Linear Equations in one Variable and Problem Solving.

***Chapter 4 – Fractions and Mixed Numerals***

9/25/09	4.1	Introduction to Fractions and Mixed Numerals
9/28/09	4.2	Factors and Simplest Form
9/30/09	4.3	Multiplying and Dividing Fractions.
10/2/09	4.4	Adding/Subtracting Like fractions
10/5/09	4.4	Adding/Subtracting Like fractions
10/7/09	4.5	Adding/Subtracting Unlike Fractions
10/9/09		Chapter 3 & 4 Test
10/12/09	4.6	Complex Fractions and Review of Order of Operations.
10/14/09	4.7	Operations on Mixed Numbers.
10/16/09	4.8	Solving Equations Containing Fractions.

***Chapters 5 - Decimals***

10/19/09	5.1	Introduction to Decimals.
10/21/09	5.2	Adding and Subtracting Decimals.
10/23/09	5.3	Multiplying Decimals and Circumference of a Circle.
10/26/09	5.4	Dividing Decimals.
10/28/09	5.5	Integrated Review—Operations on Decimals.
10/30/09	5.6	Fractions, Decimals, and Order of Operations.
11/2/09		Chapter 4 & 5 Test

***Chapter 6 – Ratio, Proportion, and Triangle Applications***

11/4/09	6.1	Ratios and Rates
11/6/09	6.2	Proportions
11/9/09	6.3	Proportions and Problem Solving

***Chapter 7 – Percent***

11/11/09	7.1	Percents, Decimals, and Fractions
11/13/09	7.2	Solving Percent Problems with Equations
11/16/09	7.3	Solving Percent Problems with Proportions
11/18/09	7.3	Solving Percent Problems with Proportions

11/20/09	7.4	Applications of Percent
11/23/09	7.4	Applications of Percent
11/25/09	7.5	Percent and Problem Solving: Sales Tax, Commission, and Discount
11/27/09	7.6	Percent and Problem Solving: Interest
11/30/09	Chapter 6 & 7 Test	

### ***Chapter 9 – Geometry and Measurement***

12/2/09	9.2	Perimeter
12/4/09	9.3	Area, Volume, and Surface Area
12/7/09		Make-up day
12/9/09		Make-up day
12/11/09		Final Exam Review

Final Exam: Week of 5/11 – 5/18. Official date to be announced.

## THREE RIVERS COMMUNITY COLLEGE

### Course: Self-Paced Pre-Algebra, Num. Sense, Geometry - MAT\* K075

#### What you need to get started:

1. A Valid Email Address
2. A Course ID # (martinezjr.04486)
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.04486
- 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) or access from our course in WebCT
- 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!**