

# SYLLABUS

Prealgebra - Nnbr Sense, Geom  
(MAT\* K075)  
(CRN # 30450)

Three Rivers Community College  
Norwich, CT 06360

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Instructor

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Office Hours: By Appointment/After Class

Fall 2011

Tues and Thur 1:00pm – 2:15pm

TRCC Main Campus - Room D219

Our MyMathLab Course Code is:

petranek10517 

## **Course Description:**

This course focuses on basic arithmetic and pre-algebra skills. Topics include whole numbers, fractions, decimal numbers, proportions, ratios, percents, perimeter, area, volume, applications, signed numbers, algebraic expressions and equations. This course does not count towards the minimum requirements for graduation.

## **Learner Course Outcomes**

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

## **Method of Evaluation**

Tests (4)	600 points (150 pts each)
Homework	100 points
Attendance	100 points
Final Exam (1)	200 points

<b>Grades</b>	<b>Equivalent Points</b>
A#	940 - 1000
A-#	900 - 939
B+#	870 - 899
B#	830 - 869
B-#	800 - 829
C+#	770 - 799
C#	730 - 769
C-#	700 - 729
D+#	670 - 699

D#	630 - 669
D-#	600 - 629
F#	Below 600

**# this course does not count toward graduation requirements. This course requires a grade of C# (730 points) or better to pass and go on to the next math course.**

### **No Make-ups**

Tests that are missed will only be available for make-up if the student has an extenuating circumstance and has spoken to the instructor **prior** to the test. All make-up tests for this class are given at the testing center located near the cashiers office.

### **Attendance**

Attendance is taken every class period and is essential in successfully completing this course. Attending class regularly is expected and will be a factor in my evaluation of student performance.

### **Required Text:**

Prealgebra, 6<sup>th</sup> edition, by Elaine Martin-Gay **with** MyMathLab access (see the next paragraph for textbook options).

### **MyMathLab**

This course has been set up as a **MyMathLab homework** based course. MyMathLab is a website that is available to you 24/7, whereas our total class time each week is less than 3 hours. MyMathLab is an incredibly powerful tool to help you master the concepts in this course.

MyMathLab **is required** to successfully complete this course.

### **OPTIONS FOR PURCHASING THE TEXTBOOK AND MyMathLab ACCESS**

1. Buy a new textbook from the bookstore that includes the MyMathLab access code.  
(most expensive)
2. Buy a used textbook then purchase the access code separately.  
(less expensive)
3. Buy just the access code that comes with a digital version of the textbook.  
(least expensive) Purchasing just the access code from **<http://www.coursecompass.com>** is a non-refundable purchase. You may purchase the access code anytime between now and when our first class starts.

MyMathLab contains an online version of your textbook, links to video clips, practice exercises, animations, and unlimited tutorial exercises. It will be your responsibility to use MyMathLab to familiarize yourself with the material covered each week, and to keep up with the course schedule in case of absences, class cancellations due inclement weather, instructor absence, or your own absence(s). **Note: It is less expensive to purchase just the access code (that comes with a digital version of the book) rather than purchasing a used or new book then purchasing the access code separately.**

### **Academic Integrity Policy**

Academic integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the college. In this class and in the course of your academic career, present only your own, best work.

### **College Withdrawal Policy**

A student who finds it necessary to discontinue a course must complete a withdrawal form in the Registrar's Office. The deadlines to withdraw are printed in the Academic Calendar on the TRCC website. Students who do not withdraw but stop attending classes will be assigned "F #". Eligibility for refund of tuition is based upon the date of withdrawal when received by the Registrar's Office.

### **Disabilities Statement**

If you have a hidden or visible disability which may require classroom or test taking modifications, please see me as soon as possible. If you have not already done so, please be sure to contact the Student Development Office, 860.383.5217, to register with a disability specialist.

### **Digital Phones and Beepers**

Digital phones and beepers are allowed in the class or in the Learning Resource Center **ONLY** if they are turned off or turned to a silent mode. **Under no circumstances are digital phones to be answered in class.** When there are extenuating circumstances that require that a student be available by phone or beeper, the student should speak to the instructor prior to class, so that together they can arrive at an agreement.

### **Homework**

Homework is completed using MyMathLab, accessed by going to <http://www.coursecompass.com>, and logging into this course

(petranek10517). You will need to achieve a score of 80% or higher to continue to the next assignment. Submitting late homework assignments may adversely affect your grade.

### Additional Help

Additional help and math assistance is available at the college math/computer lab tutoring center. The Three Rivers Math Computer Lab is located on the TRCC Campus at the Tutoring and Student Success Center (TASC) in Room C117.

### Open Computer Lab

There is an open computer lab in the E-Wing, Room E112, that can be used to access MyMathLab for those that need computer time.

### Calculators

We do not use calculators for this course!

Course Outline/Assigned Homework (subject to change)

Date	Class Instruction	Homework
08-30	Introduction Course Overview MyMathLab Intro Objectives	None
09-01	Sections 1.7 ,1.8	
09-06	Sections 2.1,2.2	
09-08	Sections 2.3, 2.4	
09-13	Sections 2.5, 2.6	
09-15	<b>Review for exam</b>	
09-20	<b>Test #1 Chapters 1 &amp; 2</b>	MML 1.7 – 2.6 due 09/20
09-22	Sections 3.1,3.2	
09-27	Sections 4.1, 4.2	
09-29	Section 4.5	
10-04	Section 4.6	
10-06	Section 4.7	
10-11	Section 4.8	
10-13	<b>Review for exam</b>	
10-18	<b>Test #2 Chapters 3 &amp; 4</b>	MML 3.1 – 4.8 due 10/18
10-20	Sections 5.1, 5.2	
10-25	Sections 5.3,5.4	
10-27	Sections 5.5, 5.6	

11-01	Section 6.1	
11-03	Sections 6.2,6.3	
11-08	<b>Review for exam</b>	
11-10	<b>Test #3 Chapter 5 &amp; 6</b>	MML 5.1 - 6.3 due 11/10
11-15	Sections 7.1,7.2,	
11-17	Sections 7.3,7.4.	
11-22	<b>No Class</b>	<b>Thanksgiving</b>
11-24	<b>No Class</b>	<b>Thanksgiving</b>
11-29	Sections 7.5, 7.6,	
12-01	Sections 9.2, 9.3	
12-06	<b>Review for exam</b>	MML 7.1 - 9.3. due 12/06
12-08	<b>Test #4 Chapters 7 &amp; 9</b>	
12-13	<b>Review for exam</b>	
12-15	<b>Cumulative Final Exam</b>	All homework due