SYLLABUS

ELEMENTARY ALGEBRA
(MAT* K095)
(CRN # 10321)

Three Rivers Community College
Norwich, CT 06360

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Instructor

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Office Hours: MWF-Room D205-12:00pm - 12:50pm
or by email

Spring 2013
MWF 1:00pm – 1:50pm

TRCC Main Campus - Room D122

Our MyMathLab Course Code is:
petranek56268

Course Description:

This course extends the basic algebra skills acquired in MAT 075. The topics include: signed numbers, solving first degree equations, exponents, polynomials, factoring, graphing, systems of linear equations, inequalities, radicals and scientific notation.

Learner Course Outcomes

1. Evaluate algebraic expressions
2. Determine if a given number is a solution to an equation or inequality
3. Determine if an ordered pair is a solution to a linear equation or an inequality
4. Add, subtract, multiply and divide real numbers and polynomials, raise a real number to an integer power
5. Simplify, add, subtract, multiply and divide radicals
6. Rules for exponents
7. Greatest common factoring
8. Factor by grouping, trinomials, perfect square, difference of two squares and complete factoring
9. Convert between scientific and standard notation
10. Order of operations (manipulation)
11. Properties of real numbers (manipulation)
12. Simplify algebraic expressions (manipulation)
13. Graph linear equations in one and two variables in the rectangular coordinate system
14. Determine the solution to an equation using a graph
15. Solve linear equations in one and two variables
16. Solve word problems including table problems, percent and mixture, linear inequalities and consecutive numbers
17. Solve factorable quadratic equation word problems

Method of Evaluation

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

Grades	Equivalent Points
A#	940 - 1000
A-#	900 - 939
B+#	870 - 899
B#	830 - 869
B-#	800 - 829

C+#	770 - 799
C#	750 - 769
C-#	700 - 749
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# (750 points) or better to pass and go on to the next math course.**

No Make-ups

Tests that are missed cannot be made up. If a student misses one of the first THREE tests, a makeup test will be given at the *end* of the semester.

Attendance

Attendance is taken every class period and is essential in successfully completing this course. Attendance in class is mandatory! **Financial aid can be canceled for non-attendance**. Attending class regularly is expected and will be a factor in my evaluation of student performance.

Required Text:

Elementary and Intermediate Algebra: Graphs and Models 4th Edition - Bittinger, Ellenbogen, and Johnson **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* for homework and to successfully complete this course.

OPTIONS FOR PURCHASING THE TEXTBOOK AND MyLab ACCESS
1. Buy a new textbook from the bookstore that includes the MyLab 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 MyLab 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 new book that comes with an MML access code.**

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, Beepers. Laptops, Iphones, etc
All electronic devices are allowed in the class or in the Learning Resource Center **ONLY** *if they are turned off*. **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 MyLab, accessed by going to **http://www.coursecompass.com**, and logging into this course (**petranek56268**). 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.

the MyCommnet Alert:
myCommNet Alert is a system that sends text messages and emails to anyone signed up in the event of a campus emergency. Additionally, TRCC sends messages when the college is delayed or closed due to weather.
All students are encouraged to sign up for myCommNet Alert. A tutorial is available on the Educational Technology and Distance Learning Students page of the web site.
http://www.trcc.commnet.edu/div_it/educationaltechnology/Tutorials/myCommNetAlert/MIR3.html

TRCC Email:
All TRCC students are now assigned a college email address – instructions may be found on the Website in how to access – please use this email.

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 use basic calculators for this course! A graphing calculator is not required.

Course Outline/Assigned Homework (subject to change)

Date	Class Instruction	Homework
01-25	Introduction Course Overview MyLab Intro Objectives	None
01-28	Section 1.8	Complete MML section 1.8
01-30	Section 2.1	Complete MML section 2.1
02-01	Section 2.2	Complete MML section 2.2
02-04	Section 2.3	Complete MML section 2.3
02-06	Section 2.4	Complete MML section 2.4
02-08	Section 2.5	Complete MML section 2.5

02-11	Section 2.6	Complete MML section 2.6
02-13	Section 2.7	Complete MML section 2.7
02-15	**Test #1 Chapters 1 & 2**	MML 1.8 – 2.7 all due 02/15
02-18	**No Class**	**Presidents Day**
02-20	Section 3.1	Complete MML section 3.1
02-22	Section 3.2	Complete MML section 3.2
02-25	Section 3.3	Complete MML section 3.3
02-27	Section 3.4, 3.5	Complete MML section 3.4, 3.5
03-01	Section 3.6	Complete MML section 3.6
03-04	Section 3.7	Complete MML section 3.7
03-06	Section 4.1	Complete MML section 4.1
03-08	Section 4.2	Complete MML section 4.2
03-11	Section 4.3	Complete MML section 4.3
03-13	Section 4.4	Complete MML section 4.4
03-15	**Test #2 Chapters 3 & 4**	ML 3.1 – 4.4 all due 03/15
03-18 -> 03/24	**No Class**	**Spring Break**
03-25	**Exam #2 Review**	
03-27	Section 5.1	Complete MML section 5.1
03-29	**No Class**	**Spring Recess**
04-01	Section 5.2	Complete MML section 5.2
04-03	Section 5.3	Complete MML section 5.3
04-05	Section 5.4	Complete MML section 5.4
04-08	Section 5.5	Complete MML section 5.5
04-10	Section 5.6	Complete MML section 5.6
04-12	Section 5.7	Complete MML section 5.7
04-15	Section 5.8	Complete MML section 5.8
04-17		
04-19	**Test #3 Chapter 5**	ML 5.1 - 5.8 all due 04/19
04-22	Section 6.1	Complete MML section 6.1
04-24	Section 6.2	Complete MML section 6.2
04-26	Section 6.3	Complete MML section 6.3
04-29	Section 6.4	Complete MML section 6.4
05-01	Section 6.5	Complete MML section 6.5
05-03	Section 6.6	Complete MML section 6.6
05-06	Section 6.7	Complete MML section 6.7
05-08		
05-10	**Test #4 Chapter 6**	ML 6.1 - 6.7 due 05/10
05-13	**Review**	
05-15	**No Class**	**Instructor Discretion**
05-17	**Cumulative Final Exam**	All homework due