Math 075 Syllabus for Spring 2011
Three Rivers Community College

Course: PreAlgebra MAT* K075 T15   **CRN:** 11259

Instructor: Linda Edmonds
Office: Adjunct Office Suite before class or Classroom (As space is available)
Phone #: (860) 774-8511 ext 1122 (2 -3PM) – leave a message
E-mail: **ledmonds@trcc.commnet.edu or Linda.edmonds@ct.gov**
Office Hours: Tuesday 5:30 to 6 PM or email for an appointment

Text: PreAlgebra; 6th Edition by Elayne Martin-Gay
MyMathLab Course Access Code: *edmonds73545*   ALL HW and TESTS will be online.
        (go to www.coursecompass.com to register for my course)
Meeting Time: Thursday 6 to 8:45PM   **Room #:** D203

        Course Description: This course continues the development of algebraic skills and concepts. It also touches lightly on right triangle trigonometry. The topics include linear equations, right triangle trigonometry applications, functions and graphs, applications of systems of equations, inequalities, rational expressions and equations, operations on radicals and radical equations, rational exponents, quadratic equations, exponential and logarithmic functions.

        Course Objectives: The objective of this course is to enable the student to understand and to work with, interrelate, and apply algebra governing: solutions of linear equations and inequalities, functions, solutions of systems of equations, rational expressions and equations, radical expressions and equations, solutions of quadratic equations, exponential and logarithmic functions. The student will also develop a basic understanding of Right Triangle Trigonometry.

        Course Evaluation: The course is set up to be worth 1000 points broken down as follows:

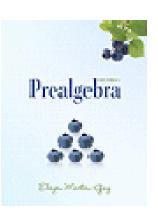|	
Weekly Attendance	75 points (5 points weekly, must sign in by the first 30 minutes)
Weekly Group Task	120 points (10 points weekly-non-test weeks- last 15-30 minutes)
Weekly HW Set	75 points (completion points)
HW – end of semester	200 points (per rubric)
Small Group Project	100 points
3 Online Tests w/ corrections	230 points
Final Exam	200 points

        There will be three online tests which must be printed and corrections submitted by the deadline. A cumulative final exam will be given. **In general, make-up of a missed test is not allowed.** Exceptions to this rule may be made for extraordinary circumstances (grade may be adjusted). Test dates will be announced a week in advance.

A 94-100; A- 90-93; B+ 87-89; B 83-86; B- 80-82 C+ 77-79; C 73-76; C- 70-72; D+ 67-69; D 63-66;D- 60-62; F <60

        Homework: I expect all homework assignments to be completed online with MyMathLab. Weekly assignments will be posted and opened after class. Students are expected to complete assignments weekly but will also be able to return to each assignment to redo until the semester ends.

ONLINE HW GRADE	Time Invested in HW	Completed Assnmts.	HW Average
180 – 200	30+ hours	100%	90%
160 – 180	15 to 29 hours	90%	80%
140 – 160	< 15 hours	80%	70%
<140	< 15 hours	< 80%	< 70%

Attendance: For the learning process to be effective, you are expected to attend each class regularly, to arrive on time, and to take exams on their assigned dates. If you miss a class, you are still responsible for the material covered, homework assigned, and any announcements. If you will be missing a class for an appropriate reason, please call or email me as soon as possible.

Withdrawal Policy: Students may withdraw, in writing at the Registrar's Office, for any reason up through Monday, May10. No withdrawals will be accepted after Monday, May 10.

Support Services: TASC is the college's free tutoring and academic success center. Sign up a tutor or drop in as needed to the Thames Tutoring Center (860 885-2311) located in room C-117. Peers and peer study groups are also good resources. Meeting with me is another option available.

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; clearly document the sources of the material you use from others; and act at all times with honor. Please see the Three Rivers Community College catalog for the college's Academic Integrity Policy.

Disabilities Statement: Students with disabilities, who require special accommodations and support services, are encouraged to notify Chris Scarborough (860 892-5751)

Cellular Phones and Beepers: Cellular phones and beepers ***must be turned off*** during class. Phones are not to be answered during class. Please see me if extenuating circumstances should arise.

Inclement Weather: To obtain information on delays, changes, or class cancellations due to inclement weather or emergencies call 860 886-0177 or check your email.

NOTE STUDENT PRINT QUOTA (new – Spring 2011)

Student print quota specifics:
Allowed 500 pages per semester
Cannot print documents over 25 pages
Cannot print more than one copy of a document at once

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.

COURSE SCHEDULE

WEEK	DATE	TOPICS	HW SETS	TEST	WORK DUE
1	1/25	Ch 1 – Whole Numbers (1.7 & 1.8) Ch 2 – Integers		COMPLETE PRETEST	
2	2/1	Ch 2 – Solving Equations Ch 3 – Solving Equations			
3	2/8	Word Problems			
4	2/15	Ch 4 – Fractions			
5	2/22	Ch 4 - Equations with Fractions		Online Test #1- Ch 1, 2, & 3	
6	3/1	Ch 6 – Ratio, Proportion & Triangles			TEST 1 Corrections
7	3/8	Ch 5 – Decimals & Equations			
8	3/15	Ch 7 - Percent		Online Test # 2 – Ch 4 & 6	
	3/22	Spring Break			
9	3/29	Word Problems			TEST 2 Corrections
10	4/5	Ch 8 – Graphing & Statistics			
11	4/12	Word Problems Ch 9 – Geometry			
12	4/19	NO Class – Small Group Project Time			
13	4/26	Ch 10 – Exponents & Polynomials		Online Test # 3- Ch 5 & 7 Word Problems	
14	5/3	Ch 10 - Polynomials			TEST 3 Corrections
15	5/10	REVIEW		Practice Test TAKE POSTEST	
16	5/17	FINAL EXAM			

1. Integers
   1. Add, subtract, multiply, divide,
   2. raise to powers,
   3. compute absolute value,
   4. graph on a number line
   5. appropriate use of inequality symbols
2. Fractions
   1. Add, subtract, multiply, divide,
   2. raise to powers,
   3. compute absolute value,
   4. graph on a number line
   5. appropriate use of inequality symbols
3. Decimals
   1. Add, subtract, multiply, divide,
   2. raise to powers,
   3. compute absolute value,
   4. graph on a number line
   5. appropriate use of inequality symbols
4. Identify proportions
   1. Find equivalent ratios
   2. Solve proportions
   3. Set up and solve application problems using ratios and proportions.
5. Geometry
   1. Basic Geometric Shape
   2. Appropriate Units of measurement
   3. Calculate perimeters,
   4. Calculate areas, and
   5. Calculate volumes.
6. Solve first degree equations in one variable.
7. Solve basic word problems.
8. Use mathematics terminology effectively in writing and speaking.