

MAT* K095 Elementary Algebra Foundations Fall 2010

30138 T19 MWF 10:00 am – 10:50 am D 122
30136 T20 MWF 1:00 pm – 1:50 pm D 219

INSTRUCTOR: Dr. Kelly Molkenthin (pronounced “molk-in-tine”)
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Office Hours: Tuesdays 1:15 – 2:15 pm
Wednesdays 11:30 am – 12:30 pm
Thursdays 1:15 – 2:15 pm
Fridays 11:30 am – 12:30 pm
and by appointment.

REQUIRED MATERIAL:

- *Beginning Algebra, 5th Edition*. Elayn Martin-Gay. Pearson Prentice Hall, 2009. ISBN # 978-0-13-600702-9 (also, ISBN # 0-13-600702-3)
- Scientific calculator (must have “e” and “ln” button), graphing calculation (TI-83 or TI-83 plus preferred) for later use.

CALCULATORS: Calculators will be needed for many homework problems and it is **REQUIRED** that you bring one to **every class** and **each exam**. Cell phones may **not** be used as calculators.

COMPUTERS: Online homework will be assigned on a regular basis and will be completed using MyMathLab at www.coursecompass.com. If you did not purchase a book which has an access code bundled with it, you will have to purchase an access code separately. To register with MyMathLab, you will need the following information:

Course name: **Elementary Algebra Foundations**
Course ID: **molkenthin69193**

Go to the above website and click on the tab *Register*. Select *Get access to a new course*, and click *Next*. You will be asked to enter the course ID (see above), then click on *Find Course*. If you do not have an access code, you can purchase one now with a credit card by clicking on *Buy now* under Enrollment Options. If you have an access code (inside the cover of a new textbook purchased from the bookstore), you are ready to register, so click *access code* under Enrollment Options. Enter your six word access code when prompted, click *Next*, and follow the prompts to create your own login name and password. **Be sure to remember/record your user name and password. Forgetting your user name and/or password is NOT a valid reason for not completing assignments.** After you have registered, return to the above website and you can now log in. Go to the *Welcome Page*, click on your course, and then choose the *Installation Wizard* link to make sure your computer has the required set-up and plug-ins. Tech support for the company is at 1-800-677-6337, Monday through Friday, 9 am – 6 pm.

GRADING:	6 One-Hour Exams:	360points (60 each)
	Final Exam (cumulative):	200 points
	Weekly Quizzes:	100 points (10 each)
	MyMathLab	100 points
	Attendance and Participation:	40 points
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	Total:	800 points

Your final grade is the total number of points you have received divided by the total possible number of points. Final grades will be determined using the scale below:

A → 93% and above	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%

Please note: A letter grade of C or higher is required to advance to MAT*K137. A letter grade of C- will **not meet this requirement.**

EXTRA CREDIT: There will be **no** "extra credit" assignments for this course.

NOTE: Attendance is required and will be taken for each class. An absence is excused **ONLY** for valid reasons (to be determined by the instructor) and if notification is given **PRIOR** to a missed class (via email, phone message – **not** word of mouth from another student). *****Also, if you miss a class it is YOUR responsibility to get the class notes (from another student) and BE PREPARED for the next class meeting (this includes taking the scheduled quizzes).*****

HOMEWORK AND QUIZZES: Homework will be assigned on a regular basis and it is expected that you complete the assigned problems by the due date on the assignment. Your weekly quizzes will be testing the concepts emphasized from class that week and these homework assignments. We will have at least 14 quizzes throughout the semester. I will count your top 10 scores. There are **NO** make-ups for missed quizzes. Our expectation is that you are spending 2-3 hours of reading and doing homework for this class for every one hour we meet in class. So, you should expect to spend *at least* 6-9 hours per week on this class, every week!

EXAMS: You will have six in-class exams and one final exam. Exams are scheduled for the following dates:
Exam 1: Friday 9/24/10, Exam 2: Friday 10/15/10, Exam 3: Friday 10/29/10, Exam 4: Friday 11/12/10, Exam 5: Friday 12/03/10, Exam 6: Monday 12/13/10. This may change (but hopefully not), depending on how we are doing. Make-ups for exams will be given only in **EXTREME** circumstances and if **PREVIOUS** arrangements are made. No exam will be administered prior to the date/time of the scheduled exam and **if you miss an exam, you will receive a grade of 0 (zero).**

ACADEMIC DISHONESTY: Academic integrity is essential in all aspects of college coursework and learning. I have zero tolerance for academic dishonesty. It is expected that **YOU** complete all your assigned homework/labs. Communication or collaboration of **ANY** sort is **ABSOLUTELY PROHIBITED** during any quiz or exam. Academic Misconduct is punishable in a number of ways, including a score of a zero on the assignment where the cheating took place, a grade of an F in the course and/or possible censure on your permanent record. All cases of academic dishonesty will be referred to the Academic Honor Council. Do not let yourself come under the suspicion of academic dishonesty.

RETENTION OF PAPERS: Students are expected to retain all graded work until final grades are received.

COURSE OBJECTIVES: This course review basic mathematical concepts and introduces elementary algebraic concepts and techniques. It is an extension of the basic algebra skills acquired in MAT* K075. The topics include signed numbers, solving first-degree equations, exponents, polynomials, and factoring, graphing, systems of linear equations, inequalities, radicals, and scientific notation. This course does not count towards the minimum requirements for graduation.

ACCOMMODATIONS: Students with learning disabilities should contact the Learning Specialist, Chris Scarborough at 860-892-5751 or cscarborough@trcc.comnet.edu as soon as possible to ensure timely accommodations. Students with physical disabilities should contact Judy Hilburger at 860-383-5420 or via email at jhilburger@trcc.comnet.edu or Matt Liscum at 860-383-5420 or via email at mliscum@trcc.comnet.edu to facilitate accommodations.

CELL PHONE POLICY: All cell phones must be turned OFF or MUTED before entering the classroom and properly placed in a bag or pocket (not left on a desk). Any cell phone ringing or beeping during a class is inappropriate and unacceptable. Texting during class is also inappropriate and will not be tolerated. Students found texting in class will be asked to leave and will lose their attendance points for that class period.

****The key to success in this course is to attend every class and do all the homework when it is assigned. Ask questions when you have them, either in class or in my office. You will find it much easier to learn the new topics if you consistently keep up with the course material and homework problems!****

**TENTATIVE SYLLABUS MAT K095
FALL 2010**

<u>Week of:</u>	<u>Chapter(s):</u>	<u>Topics Covered:</u>
8/27	1.2	Course Introduction, Symbols and Sets of Numbers
8/30	1.4 – 1.8	Variable Expressions and Equations, Adding , Subtracting, Multiplying and Dividing Real Numbers, Properties of Real Numbers, Quiz #1
9/6	2.1 – 2.4	No Classes Monday, September 6 – Happy Labor Day! Simplifying Algebraic Equations, Addition and Multiplication Property of Equality, Solving Linear Equations, Quiz #2
9/13	2.5 – 2.7	Problem Solving, Quiz #3
9/20	2.8	More Problem Solving, Catch-up, Review, Quiz #4 Exam #1 – Chapters 1 & 2
9/27	3.1 – 3.3	Rectangular Coordinate System, Graphing, Intercepts, Quiz #5
10/4	3.4, 3.5	Slop and Rate of Change, Equations of Lines, Quiz #6
10/11	3.6	Functions, Catch-up, Review, Quiz #7 Exam #2 – Chapter 3
10/18	4.1 – 4.3	Solving Systems of Linear Equations, Quiz #8
10/25	4.4	Systems of Linear Equations and Problem Solving, Catch-up, Review, Quiz #9 Exam #3 – Chapter 4
11/1	5.1 – 5.4	Exponents, Adding, Subtracting and Multiplying Polynomials, Special Products, Quiz #10
11/8	5.5	Negative Exponents and Scientific Notation, Catch-up, Review, Quiz #11 Exam #4 – Chapter 5
11/15	6.1 – 6.4	Factoring Polynomials, Quiz #12
11/22	6.5, 6.6	More Factoring Polynomials, Supplemental Session 11/24 No Classes Friday 11/26 – Happy Thanksgiving!
11/29	6.7	Quadratic Equations and Problem Solving, Catch-up, Review, Quiz #13 Exam #5 – Chapter 6
12/06	8.1 – 8.4	Roots and Radicals, Quiz #14
12/13		Catch-up, Review Exam #6 – Chapter 8

The instructor has the right to change/modify this syllabus at any time with proper notification to the class