

Syllabus
Three Rivers Community College
MAT 137 – Elementary Algebra
Spring 2015
M-W: 2-3:15pm, Room E221

Instructor:

Christopher Lee Williams!
Office: N/A
Office Hours: Appointment only
Email: cwilliams@trcc.commnet.edu

Course Description:

This course extends 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.

Prerequisites:

Prerequisite: Acceptable placement score or a "C#" grade or better in MAT* K075 or completion of the first four modules in MAT 090. If you plan to take MAT 172, you need a grade of "C+" or better in this course.

Required Materials:

- ◆ The text is Elementary and Intermediate Algebra, Graphs, 5th Ed., Baratto & Bergman, McGraw Hill Education, 2011.
- ◆ Notebook or binder

Attendance:

Attendance in classes is strongly recommended. *I will teach a class only once.* You are responsible for getting the class notes, homework, and any other assignments from another student. You are responsible for completing that work by the next class after any missed class. Also, short unannounced quizzes may be given and they cannot be made up.

Attendance at exams is mandatory. You will be informed of the dates of tests at least one week in advance. Make-up exams may be given *with my prior consent*. If you must miss an exam, please speak with me before the date of the exam so that arrangements can be made.

Homework:

Most homework will be completed using the text. Homework will be assigned each class. I will be checking regularly to make sure you are keeping up with the homework. It is in your best interest to do at least the assigned problems, if not more. The more you do any math, the easier it becomes.

Grading Policy:

Throughout the semester there will be quizzes (75%) and a final exam (15% of grade). Another possible 10% will distributed among homework, projects, quizzes, other assignments, and class participation. The final grade will be determined by adding the total points earned and dividing by 6. Letter grade equivalents are listed below:

Grade	Percent of Points Earned
A#	93-100
A-#	90-92
B+#	87-89
B#	83-86
B-#	80-82
C+#	77-79
C#	73-76
C-#	70-72
D#	60-69
F#	Below 60

The prerequisite for moving on to MAT 172 (College Algebra) is a C+ or better in this course.

Extra Credit:

There will be no extra credit assignment, but there are bonus questions on most exams.

Contact:

All communication will occur by announcements in email. Please make sure that your email addresses are accurate. Check your email regularly to be informed of any changes in schedule.

College Withdrawal Policy:

You may withdraw from this class any time up to and including December 10 and you will receive a W grade on your transcript. However, you must complete a withdrawal form in the Registrar's Office at the time of withdrawal; *if you merely stop attending classes you will be assigned a grade of N*. Any eligibility for refund of tuition is based on the date that the registrar receives the withdrawal.

Disabilities Statement:

If you have a disability that may affect your progress in this course, please meet with a Disability Service Provider (DSP) as soon as possible. Please note that accommodations cannot be provided until you provide written authorization from a DSP.

TRCC Disabilities Service Providers
Counseling & Advising Office
Room A-119

Matt Liscum (860) 383-5240	<ul style="list-style-type: none"> • Physical Disabilities • Sensory Disabilities • Medical Disabilities • Mental Health Disabilities
Chris Scarborough (860) 892-5751	<ul style="list-style-type: none"> • Learning Disabilities • ADD/ADHD • Autism Spectrum

Academic Integrity:

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. A full copy of the college’s academic integrity policy is in the school’s catalog and in the student handbook.

Resources:

1. If you have any questions and/or need extra help, make an appointment with me.
2. Feel free to email me to ask specific homework questions.
3. One of your greatest resources is each other. I encourage you to get to know your classmates and **exchange contact information**.
4. TASC (the combined Tutoring Center and Writing Center) is located in room. C-117. TASC provides free **one-to-one or group tutoring** in math as well as in many other subject areas. TASC also has **textbooks** (both old and current), **videotapes**, and many **handouts** available for student use.

Class Conduct:

In addition to the rules and policies previously stated in this syllabus, students are asked to:

- Be respectful of each person,
- Do not use cell phones, beepers, or similar devices during class. Please silence these devices.
- From the TRCC Student Handbook: *“The College has the right and responsibility to take appropriate action when a student’s conduct directly and significantly interferes with the College’s educational mission and the rights of others to pursue their educational objectives in an environment conducive to learning.”*

Such action will, at minimum, be the dismissal of the student from the remainder of class that day.

Cell Phone Use:

Please turn off the ringer on all cell phones/pagers before the start of each class. If you have a situation where you absolutely must be able to take a call, please notify me before class. Texting during class will negatively affect your grade.

Class Cancellation:

If class is cancelled by the school, pay attention to radio and TV announcements, call the college's main phone number 860-886-0177, or visit the college's home web page www.trcc.commnet.edu.

If class is cancelled by the instructor, a notice will be placed on the classroom door. If time permits, students may be notified by a message via email.

Homework for MAT137

Elementary and Intermediate Algebra 5th, Baratto, Bergman

Section	Page	Problems
6.1	486	5, 9, 13, 23 – 47 every other odd, 63, 67, 71 – 83 every other odd, 95, 97
6.2	497	1 – 67 every other odd, 85
6.3	507	17, 25, 33, 41, 49, 53 – 71 every other odd, 83, 85
6.4	517	11, 19, 21, 25, 31, 39, 47, 55, 63, 87, 95, 103, 121
6.5	524	1, 9, 17, 25, 31 – 79 every other odd
6.6	537	1, 9, 17, 25, 33, 41, 49, 57, 59, 61, 71, 73, 77, 83, 89, 93, 109, 113
7.1	560	1 – 13 odd, 25, 27, 29, 33, 39, 41, 49, 53, 55, 57, 59 – 63 odd, 79, 81, 115
7.2	573	1, 5, 17, 25, 29, 33, 41, 85
7.3	584	1, 3, 7, 9, 13, 15, 17, 19, 21, 35, 39, 41, 45, 47, 49, 53, 57, 59, 61, 91
7.4	593	1, 5, 9, 11, 15, 19, 33, 35, 55, 59, 63
7.5	603	1, 7, 13, 23, 31, 33, 37, 41, 49, 57, 65, 73, 79, 85, 87, 99
7.6	611	1 – 9 odd

8.1	633	1, 5, 9, 13, 15, 17, 19, 33, 35, 39, 57, 59, 61, 67
8.2	652	21 – 51 odd, 57, 59, 61, 63, 67, 69, 71, 73, 79, 81
8.3	665	3, 5, 19, 21, 25 – 47 odd, 55
8.4	678	1, 5, 7, 9, 13, 15, 25, 29, 41, 43
9.1	698	1 – 7 odd, 9, 11, 13, 17, 19, 33, 35, 37, 41, 43, 49, 67, 69, 79, 81
9.2	710	1, 7, 13, 15, 17, 19, 27, 29, 37, 39, 43
9.3	721	1, 7, 11, 13 – 35 odd, 47, 55, 57
9.6	762	9, 11 – 29 odd, 35, 41, 43, 55, 59, 63, 65, 69, 73, 75, 79, 81, 83, 85, 89, 91, 93, 97, 101
10.4	819	1, 5, 7, 11, 15, 19, 23, 25, 27, 29, 35, 39 – 57 odd, 63, 75

FOR DIGICATION:

Please designate one of your assignments as a General Education artifact and submit the Blue Form online at www.threerivers.edu/blueform.