Three Rivers Community College – Mat 172
Course Syllabus – Spring 2016

College Algebra, **Spring 2016, Mat K172,**
F: 02:00 pm-04:45 pm, room D107
Professor: Jose Garaycochea

Pre-requisite: MAT K137 or MAT K137S with a "C" grade or better or appropriate placement∞ through multiple-measures assessment process.
Text: College Algebra 5th Edition
Author: Beecher-Penna-Bittinger. Copyright Year: 2016
Publisher: Pearson Publishers

Course description:

This course is a thorough and rigorous algebra course, that strengthens the proficiency with algebraic skills and the conceptual understanding needed to be successful in the Calculus sequence. The topics include: sets, polynomial, exponential, logarithmic and rational func-tions, rational exponents, conic sections, right triangle trigonometry, matrices, polynomial, exponential, logarithmic and radical equations, linear and quadratic inequalities, absolute value equations and inequalities, linear and nonlinear systems.

Measurements:

Homeworks: 25%,
Tests   50%, and
Final Exam: 25%.

Calendar:

January 22	First class: Review
January 29	Homework 1 given
February 5	Homework 1 due
February 5	**Test 1**
February 26	Homework 2 given
March 4	Homework 2 due
March 11	**Test 2**
March 18	Homework 3 given
April 1	Homework 3 due
April 8	**Test 3**
April 15	Homework 4 given
April 22	Homework 4 due
April 22	**Test 4**
April 29	Homework 5 given
May 6	Homework 5 due
May 6	Review and make-up under instructor's discretion
May 13	**Final Exam. (Mandatory)**

Grade equivalents:
A	93 – 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	below 60,	
N	if the student completed less than 60% of work.	

Support Services: Tutorial services.

Meeting with me for an extra help: by appointment.
E-mail jgaraycochea@trcc.commnet.edu

The Learning Portfolio (Digication)
Login address: https://digication.ct.edu

All students are required to maintain an online learning portfolio using a TRCC designed template. Through this electronic tool, students can see their own growth in college-wide learning. The student can keep and continue to use the Digication account after graduation. A Three Rivers General Education Assessment Team will select random works to improve the college experience for all. No names will be attached to the assessment work; it will remain private and anonymous for college improvement purposes. In class outlines, students will find recommended assignments which support various college-wide learning abilities. The student will have a tool which can integrate their learning from the classroom, school, and life and allow for another opportunity of learning at TRCC! Students will be able to make multiple portfolios.

Class Cancellation: In case of increment weather, check the college website for class cancellations or call 860-886-0177 for recorded message on the college phone.

Plagiarism and Academic Honesty:
At TRCC, we expect the highest standards of academic honesty. The Board of Trustees' Proscribed Conduct Policy prohibits cheating on examinations, unauthorized collaboration on assignments, unauthorized access to examinations or course materials, plagiarism.

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.

Exams are considered individual work and must be completed without unauthorized assistance of any kind, including help of other students, tutors, or notes. All test material is to be turned in with the test paper. Attempting to bring work out of the testing area and/or share that work with other students is consider cheating. Cheating on tests,
misrepresentation of attendance, falsifying records, or lying will result, at a minimum, in loss of credit for all work involved.

Disabilities: 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	• Physical Disabilities • Sensory Disabilities • Medical Disabilities • Mental Health Disabilities
Chris Scarborough (860) 892-5751	• Learning Disabilities • ADD/ADHD • Autism Spectrum

Course Materials Required:

• Access code for ALEKS software.
• Text: ALEKS 360 or Beginning and Intermediate Algebra. 5th Ed.
This book was designed specifically for this program.
• Folder
• Loose leaf paper
• Pencils

• Calculator

Additional Recommended items:

• Headphones

Attendance:

Attendance and participation are required for this course. You are expected to work on math during class time. Texting, web browsing, or engagement in other non-course related activities will result in an unsatisfactory attendance and participation grade.

Please note: if you miss more than 10% of the scheduled instructional classes will put you in <u>serious</u> jeopardy of completing the program and continuing on to the next level of Math.

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 and lab time. It is expected that these devices will be turned off or on "silent mode" during all class, workshop and tutoring.

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.

Contact:

All communication will occur by announcements in Aleks Lab. Check your email regularly to be informed of any changes in schedule.

Grading Policy:

• C is the minimum grade to pass this class.

• F: This grade indicates that you did not successfully complete the requirements of the course within the semester, or that you have an unsatisfactory attendance grade. If you receive a F, you can register for MAT 137S next semester.

Additional Resources:

Contact the Instructor if you need additional assistance outside of class. 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, videotapes, and many handouts available for student use.
One of your greatest resources is each other. I encourage you to get to know your classmates and exchange contact information.

Course Outcomes:

• Recognize and articulate the fundamentals of numerical and algebraic reasoning
• Utilize inductive and deductive thought processes for creating algebraic expressions and applying theorems and algorithms
• Demonstrate effective communication with mathematical terms
• Develop and apply metacognitive, affective and academic behaviors
• Choose appropriate technology and representations to solve math problems

Computer Labs:

Our classes will be held in room D 219 which is a computer lab. The school does **NOT** allow food or beverages in any computer lab. Please do not bring any food or beverages into our classroom/computer lab.

Getting Started:

➢ Log in using your NetID* and password*
*Use the same NetID and password you use to sign on to college computers.

For New NetID Users:

➢ Your NetID is your Banner ID (with the "@" symbol in a different position, i.e. a student with a Banner ID of @87654321, will have the
following NetID: 87654321@student.commnet.edu)
➢ Your initial password is made up of the following personal information:
1. 1st three characters of your birth month (with first letter capitalized)
2. The "&" symbol
3. Last 4 digits of your Social Security Number
Example: a user whose birthday is in October and whose social
security number ends in 6789, the initial password would be:
Oct&6789
➢ You will then be prompted to change your password.
➢ Go to Aleks.com as new user and follow the instructions.