

**Three Rivers Community College – Mat 095
Course Syllabus – Spring 2015**

**Elem Alg Int College Readiness, Spring 2015, Math 095,
T – R: 11:00 pm – 12:15 pm, room D215
Professor: Jose Garaycochea**

Pre-requisite: No Pre-requisite.

Text: Beginning and Intermediate Algebra Combined

Publisher: McGraw-Hill Publishers

Course description:

Math 095 is a course of study that prepares program participants to build and strengthen math skills and conceptual understanding for college level math course readiness.

Like all pre-college level courses offered at the college, math 095 course does not count as credits earned toward a degree or certificate. The sole purpose of the course is to facilitate student readiness to register for a college level math course after program completion or strengthen participant's ability to move more quickly through additional pre-college level math preparation.

Math 095 Program Description:

The Math Program is a series of topics that can be individually tailored to prepare a student for math courses depending on what the student already knows. The topics include: whole numbers, fractions, decimals, proportions, ratios, percent, signed numbers, exponents, inequalities, radicals, algebraic expressions, functions, solving first degree equations, polynomials, factoring, graphing, systems of linear equations, and applications.

Objective

1. Ch.0-Prealgebra Review
2. Ch.1-From Arithmetic to Algebra
3. Ch.2-Functions and Graphs
4. Ch.3-Graphing Linear Functions
5. Ch.4-Systems of Linear Equations
6. Ch.5-Exponents and Polynomials
7. Ch.7-Radicals and Exponents

Measurements:

Homeworks: 25%,

Tests 50%, and

Final Exam: 25%.

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Calendar:

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| ○ January 22 | First class: Review |
| ○ February 12 | Homework 1 given |
| ○ February 17 | Homework 1 due |
| ○ February 17 | Test 1 |
| ○ March 12 | Homework 2 given |
| ○ March 17 | Homework 2 due |
| ○ March 17 | Test 2 |
| ○ April 2 | Homework 3 given |
| ○ April 7 | Homework 3 due |
| ○ April 7 | Test 3 |
| ○ May 5 | Homework 4 given |
| ○ May 7 | Homework 4 due |
| ○ May 7 | Test 4 |
| ○ May 12 | Homework 5 given |
| ○ May 14 | Homework 5 due |
| ○ May 13 – May18 | Review and make-up under instructor’s discretion |
| ○ May 19 | 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. Make an appointment by email: jgaraycochea@trcc.commnet.edu

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	<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

Course Materials Required:

- Text: Beginning and Intermediate Algebra. 5th Ed. Baratto/Bergman/Hutchison, Copyright Year: 2014; this book was designed specifically for this program.
- Folder
- Loose leaf paper
- Pencils

Additional Recommended items:

Note: Calculators CANNOT be used at the beginning.

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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 serious 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 email. 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 095 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.

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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.

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.