

Math 137 Intermediate Algebra Syllabus

COURSE K137S, 32506 SECTION T5

INSTRUCTOR: Ronald Piccoli – Phone: (860) 887-2163,
Leave your name, number, message and the best day and time for a return call.
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COURSE DESCRIPTION: This course extends the basic algebra skills acquired in MAT 095. The topics include: graphing linear equations in two variables, functions, applications of systems of equations, factoring polynomials, rational expressions and equations, operations on radicals, rational exponents, quadratic, exponential and logarithmic equations.

PREREQUISITE: Acceptable placement score or MAT K095

TRANSFERABILITY: This course is generally not transferable to four year colleges although some schools will accept it as an elective if they offer a similar course the skills in this course however are needed in all transferable mathematics courses.

TEXTBOOK: The required textbook for the course is **ELEMENTARY and INTERMEDIATE ALGEBRA: Fifth Edition** by Baratto and Bergman. This book was chosen because it was designed to be used with a resource program for individual assessment and learning called **ALEKS**. A package can be purchased that contains the electronic version of the book and the information necessary to link it with **ALEKS**. Each topic in the curriculum can be tied to lessons in the computer program.

GRAPHING CALCULATOR: A graphing calculator is required in this course and will be integral to our work throughout the semester. I will be demonstrating techniques in class using a TI-83 model but any calculator with equivalent features would be acceptable. If you are unfamiliar with the operation of the graphing calculator it would be easier to have a model similar to the TI-83, as each calculator has different ways of accessing and displaying functions and graphs.

ALEKS: This course has been designed to be supplemented by the new goal oriented math evaluation and tutoring program called ALEKS. You can access this program on the Internet. Use www.aleks.com to get to the site **for ALEKS registration**. The course Title is **Fall 2017 32506 T5** and the course code is **ADQ9E-MPMTT**.

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Syllabus

ATTENDANCE: Attendance will be taken every class and those who attend class demonstrate that they are trying and will be given benefits accordingly. Tardiness is not acceptable, as it disrupts the rest of the class. If you are unable to make the class on time every day you should schedule a different class time. Cell phones should be turned off during class. There will be a lab with this course. You are expected to attend as you would any other class.

HOMEWORK: An assignment will be given at the end of each class. You are expected to have completed it by the next class. Solutions will be reviewed in class.

TESTS & QUIZES: There will be approximately six tests and several quizzes. Each quiz is worth 100 points. Each test is equivalent to two quizzes. One test grade will be given to reflect your status on ALEKS. There may also be a standardized final.

MAKE-UP TESTS: If you miss a quiz or a test you must make it up by the next class. Failure to make up a quiz or a test will result in an "F" grade on that quiz or test.

GRADES: One quiz grade will be dropped. The rest of the grades will be weighted and averaged to give you your final grade.

OFFICE HOURS: The hour prior to class or by appointment.

DIGICATION ACCOUNT: All students are required to maintain a learning portfolio in Digication that uses the (Three Rivers) College Template. For further information contact Ronda Charette at RCharette@trcc.commnet.edu or visit her at D-209.

TENTATIVE SCHEDULE:

COURSE OUTLINE:

Day	Sections	Assignments
30-Aug	Intro, ALEKS, 6.1	Get comfortable using ALEKS, PG 486, 1-81 E4 (1, 5, 9, 13, 17 etc)
6-Sept	6.2,	PG 497, 1-57 E4
11-Sept	6.3	PG 507-508, 1-65 E4
13-Sept	6.4, Quiz	PG 517-518, 1-97 E4

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Day	Sections	Assignments
18-Sept	6.5, 6.6	PG 524-525, 1-81 E4, PG 537-539, 1-91 E5
20-Sept	Review	Chapter Test, PG 547
25-Sept	Test 1	
27-Sept	7.1	PG 560-571, 1-73 E4
2-Oct	7.2	PG 573, 1-69 E4
4-Oct	7.3	PG 584-587, 1-89 E4
9-Oct	Quiz, 7.4	PG 593-594, 1-49 E4
11-Oct	7.5,	PG 603-604, 1-69 E4
16-Oct	7.6	PG 620-621, Chapter Test
18-Oct	Review,	
23-Oct	Test 2	
25-Oct	8.1	PG 633-635, 1-81 E4
30-Oct	8.2	PG 651-653, 1-73 E4
1-Nov	8.3, Quiz	PG 665-666, 1-57 E4
6-Nov	8.4	PG 678-679, 1-37 E4
8-Nov	Review,	
13-Nov	Test 3	
15-Nov	9.1,	PG 699-700, 1-77 E4
20-Nov	9.2	PG 710-711, 1-45 E4
22-Nov	Quiz, 9.3	PG 721-723, 1-61 E5
29-Nov	9.6,	PG 762-765, 1-19 and 51-65 odd and problems 75, 79, 83 and 89.
4-Dec	Review,	
6-Dec	Test 4	
11-Dec	10.4, 10.7	PG 819-821, 1-59 E4; PG 859-861, 1-57 E4
13-Dec	Review Part 1	
18-Dec	Review Part 2	
20-Sept	Final	

Statement of Policy for Public Act No. 14-11: An Act Concerning Sexual Assault, Stalking and Intimate Partner Violence on Campus:

“The Board of Regents for Higher Education (BOR) in conjunction with the Connecticut State Colleges and Universities (CSCU) is committed to insuring that each member of every BOR governed college and university community has the opportunity to participate fully in the process of education free from acts of sexual misconduct, intimate partner violence and stalking. It is the intent of the BOR and each of its colleges or universities to provide safety, privacy and support to victims of sexual misconduct and intimate partner violence.”

UNITED STATES DEPARTMENT OF EDUCATION AND OFFICE OF CIVIL RIGHTS TITLE IX STATEMENT OF POLICY:

“Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on sex in education programs and activities in federally funded schools at all levels. If any part of a school district or college receives any Federal funds for any purpose, all of the operations of the district or college are covered by Title IX.

Title IX protects students, employees, applicants for admission and employment, and other persons from all forms of sex discrimination, including discrimination based on gender identity or failure to conform to stereotypical notions of masculinity or femininity. All students (as well as other persons) at recipient institutions are protected by Title IX – regardless of their sex, sexual orientation, gender identity, part-or full-time status, disability, race, or national origin-in all aspects of a recipient’s educational programs and activities.”

If any student experiences sexual misconduct or harassment, and/or racial or ethnic discrimination on Three Rivers Community College Campus, or fears for their safety from a threat while on campus, please contact Edward A. Derr, the Diversity Officer and Title IX Coordinator:

Edward A. Derr
Title IX Coordinator and Diversity Officer
Admissions Welcome Center * Office A116
574 New London Turnpike, Norwich CT 06360
860.215.9255 * EDerr@trcc.commnet.edu