SYLLABUS

Intermediate Algebra
(MAT* 137S)
(CRN # 12860)

Three Rivers Community College
Norwich, CT 06360

Prof. Gregory F Petranek
Instructor

Email: gpetranek@trcc.commnet.edu

Office Hours: 3:45-pm – 4:20pm Thursday Room D205
4:45pm – 5:20pm Tuesday Room D205
Other Times by email

Semester: Spring 2016
Class Times:
Tuesday 5:30pm – 6:45pm Rm 222(Class Instruction)
Thursday 4:30pm – 5:20pm (D219 Lab)
5:30pm – 6:45pm Rm 222(Class Instruction)

Our ALEKS course code is:
GTPW6-AGNFJ

Course Description:

MAT* K137S - Intermediate Algebra Embedded °

4 CREDIT HOURS
Prerequisite: MAT K095 or MAT* K095I with a "C-#" or higher, or appropriate placement∞ through multiple measures assessment process.*
This course represents the Intermediate Algebra instruction with embedded developmental support. The course cultivates understanding and different representations of functions. The course covers linear, quadratic, exponential, rational, radical functions, equations and expressions and operations on them with emphasis on modeling and solving real world problems.

Learner Course Outcomes

1.Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriately use inequality symbols with signed numbers, fractions, and decimals.
2.Identify proportions.
3.Find equivalent ratios.
4.Solve proportions.
5.Set up and solve application problems using ratios and proportions.
6.Calculate perimeters, areas, and volumes of basic geometric shapes using appropriate units of measurement.
7.Solve first degree equations in one variable.
8.Solve basic word problems.
9.Use mathematics terminology effectively in writing and speaking.

Method of Evaluation

Tests (4)	600 points (150 pts each)
ALEKS Mastery	100 points
Attendance	100 points
Final Exam (1)	200 points

Grades	Equivalent Points
A#	940 - 1000
A-#	900 - 939
B+#	870 - 899
B#	830 - 869
B-#	800 - 829
C+#	770 - 799
C#	730 - 769
C-#	700 - 729

D+#	670 - 699
D#	630 - 669
D-#	600 - 629
F#	Below 600

 # this course does not count toward graduation requirements.

No Make-ups

Tests that are missed will only be available for make-up if the student has an extenuating circumstance and has spoken to the instructor **prior** to the test. **Most make-up tests for this class are given at the testing center located near the cashiers office.**

Attendance

Attendance is taken **every** class period **(including the lab period)** and is essential in successfully completing this course. Attending class regularly is expected and will be a factor in my evaluation of student performance.

Required Text and Required Graphing Calculator

1. ALEKS 360   Access Code (purchase at TRCC bookstore or online at http://www.aleks.com)
Author: Baratto
ISBN: 9780077843052
Copyright Year: 2014
Publisher: McGraw-Hill

Purchase an ALEKS 360 access code at the TRCC Bookstore or online at http://www.aleks.com and register for this course (GTPW6-AGNFJ) at www.aleks.com as soon as possible.

2. A TI84 or TI84 Plus is required for this course. I do not teach any other calculator. If you own a TI83 or TI86, you will have to learn the specific calculator functions on your own.

ALEKS
An interactive website that is available to you 24/7, whereas our total class time each week is less than 7 hours. ALEKS is an incredibly powerful tool to help you master the concepts in this course.

IMPORTANT - The **ALEKS 360 code** *is required* to successfully complete this course. A digital copy of the text book is included in your ALEKS access code
you   purchase at the TRCC bookstore or onlline.
Our ALEKS course code is **GTPW6-AGNFJ**

Academic Integrity Policy

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.

College Withdrawal Policy

A student who finds it necessary to discontinue a course must complete a withdrawal form in the Registrar's Office. The deadlines to withdraw are printed in the Academic Calendar on the TRCC website. Students who do not withdraw but stop attending classes will be assigned "F #". Eligibility for refund of tuition is based upon the date of withdrawal when received by the Registrar's Office.

Disabilities Statement

If you have a hidden or visible disability which may require classroom or test taking modifications, please see me as soon as possible. If you have not already done so, please be sure to contact the Student Development Office, 860.383.5217, to register with a disability specialist.

Digital Phones, Beepers. Laptops, Iphones, etc

All electronic devices are allowed in the class or in the Learning Resource Center **ONLY** *if they are turned off (except for graphing calculators).* **Under no circumstances are digital phones to be answered in class.** When there are extenuating circumstances that require that a student be available by phone or beeper, the student should speak to the instructor prior to class, so that together they can arrive at an agreement.

Assessments

Homework/Assessments are completed using ALEKS, accessed by going to **http://www.aleks.com** , and logging into this course: **GTPW6-AGNFJ**

Additional Help

Additional help and math assistance is available at the college math/computer lab tutoring center. The Three Rivers Math Computer Lab is located on the TRCC Campus at the Tutoring and Student Success Center (TASC) in Room C117.

Open Computer Lab
There is an open computer lab in the E-Wing, Room E112, that can be used to access ALEKS for those that need computer time.

Digication
As a student you will maintain an online learning portfolio using a college-designed template in Digication. (your e-portfolio) Through this electronic tool you will have the opportunity to monitor your own growth in college-wide learning. It may even help you determine a major that is best suited to you. You will be able to keep and maintain your learning portfolio after graduation.

A Three Rivers General Education Assessment Team will select and review random works to improve the college experience for all. If your work is selected and reviewed for assessment purposes, it will remain anonymous and private. Digication provides a place where you will connect your learning from the classroom, college, and life in general.

Sometimes when you review all of the work you have done and think about it, you end up learning something different and perhaps unexpected. Please review your course outlines to determine what assignments to upload into the TRCC Digication template and please post your own choices, as well. Have fun in learning!

Course Outline/Assigned Homework (subject to change)

Date	Class Instruction	Homework
01-21R	Introduction to course	None
01-26T	Chapter 3 – Functions and graphing equations	Start ALEKS PIE Mastery/Initial Assessment/Start Chapter 3
01-28R		Complete ALEKS Chapter 3
02-02T	Chapter 6-Polynomials and Factoring	Start ALEKS Chapter 6
02-04R		
02-09T		
02-11R		
02-16T		
02-18R	**Test #1**	Complete ALEKS Chapter 6
02-23T	Test Review	

02-25R	Chapter 7 Rational Expressions and Functions	Start ALEKS Chapter 7
03-01T		
03-03R		
03-08T	**Test #2**	Complete ALEKS Objective 7
03-10R	Test Review	
03-15T	Chapter 8 – Quadratic Functions	Start ALEKS Objective 8
03-17R		
03-22T	**NO CLASS**	**SPRING BREAK**
03-24R	**NO CLASS**	**SPRING BREAK**
03-29T		
03-31R		
04-05T		
04-07R	**Test #3**	Complete ALEKS Chapter 8
04-12T	Test Review	
04-14R	Chapter 9 /10– Simplify Rational Expressions	Start ALEKS Chapter 9/10
04-19T		
04-21R		
04-26T		
04-28R		
05-03T		
05-05R	**Test #4**	Complete ALEKS Chapter 9/10
05-09T		Last Day to Withdraw from a class
05-10R	**FINAL EXAM**	Cumulative Exam/Last day to complete all ALEKS Objectives