SYLLABUS

Elem Alg Int College Readiness
(MAT* K095)
(CRN # 30365)

Three Rivers Community College
Norwich, CT 06360

Prof. Gregory F Petranek
Instructor

Email: gpetranek@trcc.commnet.edu

Office Hours:
12:30-1:45pm Tuesday and Thursday
Room D205 or by email

Semester: FALL 2016
Class Times:
Tuesday and Thursday 2:00pm - 3:15pm

TRCC Main Campus - Room D226

Our ConnectMath Course Code is:

H66JP-TYA3H

Course Description:

This developmental course prepares students for college level courses. The course develops understanding of number systems, different representations of numbers, operations on numbers, including numbers expressed in scientific notation. The course introduces functions, their graphs, modeling relationships between quantities using functions. Topics also include solving equations and expressions with integer exponents, radicals, solving, analyzing and modeling linear equations, systems of linear equations, Pythagorean Theorem and geometrical formulas are used to solve 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.   Solve systems equations
10.   Use the rectangular coordinate system to solve problems
11.   Use functions to solve problems
12.   Use mathematics terminology effectively in writing and speaking.

Method of Evaluation

Tests (4)	600 points (150 pts each)
Homework 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 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:

ConnectMath Access Code
Author: Baratto
ISBN: 9780077843052
Copyright Year: 2014
Publisher: McGraw-Hill

Purchase a ConnectMath access code at the TRCC Bookstore and register for this course   H66JP-TYA3H   at www.connectmath.com as soon as possible.

CONNECTMATH
An interactive website that is available to you 24/7, whereas our total class time each week is less than 6 hours. **CONNECTMATH** is an incredibly powerful tool to help you master the concepts in this course.

> **IMPORTANT** - The **CONNECTMATH 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. Our **CONNECTMATH** course code is **H66JP-TYA3H**

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, Matt Liscum, Counselor, (860) 215-9265, Room A113, 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 basic 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 CONNECTMATH, accessed by going to **http://www.connectmath.com** , and logging into this course: **H66JP-TYA3H**

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 (**You may use a basic calculator for this course!**

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
08-30	Introduction to course	Register with **CONNECTMATH (H66JP-TYA3H)**, Start initial **CONNECTMATH** assessment.
09-01	Chapter 0 Section 0.1	Complete Homework Assignment 1
09-06	Chapter 0 Section 0.2	Complete Homework Assignment 2
09-08		
09-13	Chapter 0 Section 0.5	Complete Homework Assignment 3
09-15	Chapter 1 Sections 1.1 - 1.3	Complete Homework Assignment 4
09-20	Chapter 1 Sections 1.4 - 1.5	Complete Homework Assignment 5
09-22	**Test #1**	
09-27	**Test Review** Chapter 2 Section 2.1	
09-29	Intro to Rectangular Coordinate System	Complete Homework Assignment 6
10-04	Chapter 2 Sections 2.3 - 2.4	
10-06		Complete Homework Assignment 7
10-11	Chapter 2 Section 2.6	
10-13	**Test #2**	Complete Homework Assignment 8
10-18	**Test Review** Chapter 3 Section 3.1	
10-20	Chapter 3 Section 3.2	Complete Homework Assignment 9
10-23	No class - work on homework	Complete Homework Assignment 10
10-25	Chapter 3 Section 3.3	
10-27		

11-01		Complete Homework Assignment 11
11-03	**Test #3**	
11-08	Chapter 4 Sections 4.1 - 4.2	
11-10		Complete Homework Assignment 12
11-15	Chapter 4 Section 4.3	
11-17		
11-22	Chapter 5 Sections 5.1-5.2	Complete Homework Assignment 13
11-24	**NO CLASSES**	THANKSGIVING RECESS
11-29	Chapter 5 Sections 5.3-5.4	Complete Homework Assignment 14
12-01	Chapter 5 Sections 5.5-5.6	
12-06		
12-08	**Test #4**	Complete Homework Assignment 15
12-09		**LAST DAY TO WITHDRAW FROM CLASS**
12-13		
12-15	**CUMULATIVE FINAL EXAM**	**COMPLETE ALL HOMEWORK**

Note: Chapter Section assignments are based on
ALEKS Master Syllabus Spring 2015