

PRE-ALGEBRA

MATH 12, FALL 2015- BLDG. 30, ROOM 7 (3 UNITS)
SECTION #54521 - TUES & THURS 10:15 AM - 11:40 AM

INSTRUCTOR



| | |
|--------------|--|
| Name | STEPHEN TONER |
| Office | Bldg. 31 (Science), office 51 |
| Phone | 760.245.4271 ext. 2770 |
| Email | Stephen.Toner@vvc.edu |
| Websites | www.stevetoner.com, www.MathVideos.Net |
| Office Hours | Mondays: 2:30 - 3:50 PM; Tuesdays: 7:25 - 7:50 AM, 11:50 - 12:30 PM and 1:20 - 2:20 PM Thursdays: 7:25 AM - 7:50 AM and 11:50 - 12:30 PM |

COURSE

DESCRIPTION

This course reviews fractions, decimals and integers with a strong emphasis on solving equations and problem solving in order to prepare students for Introductory Algebra. Ratios and proportions are also covered, as well as an introduction to graphing linear equations, working with polynomials, and factoring. This course is not associate degree applicable.

PREREQUISITES

Math 10 with a grade of "C" or better, or by eligibility by placement on the VVC assessment exam. If you have not met this prerequisite and somehow passed into this class, you will likely be administratively dropped within the first week of class.

TEXTBOOK / MATERIALS

PREALGEBRA, 2ND EDITION, BY MILLER/O'NEILL/HYDE



Online access at Connect Math, accessed through Blackboard. You will need an access code. You can purchase the access code directly from the website (\$100.00 with optional \$15 "print upgrade" mailed directly to your home), or from the Rams bookstore (\$126.75 for the access code only), or packaged with a loose-leaf version of the text (\$175.50).

Online access is required and includes complete digital access to your e-books, videos and homework. Your course Code is **KYM3A-RCFMQ**. See the last page of the syllabus for instructions.

The 2-week financial aid code for this course is **27D0-DD9A9-2A729-B4E67** (zero in the first grouping). Note that it **does not** give add an additional two weeks to your course. You will need to extend your account **BEFORE** the end of the two weeks.

CALCULATORS

No calculators of any form will be allowed at any time in this course. It pretty much defeats the purpose of learning the material. Cell phone calculators are also not allowed.

HOMEWORK

PRACTICE is a vital component in learning mathematics. You are to do the assigned homework at the Connect Math website. You may take each homework assignment as many times as you wish, and I will only count the highest grade for each. The lowest three HW assignments will be dropped at the end of the term. Homework for each unit will be due the day of that unit test.

POP QUIZZES

There will be occasional pop quizzes in the course. The lowest two will be dropped at the end of the term.

TESTS AND FINAL EXAM

There will be three unit exams and a cumulative final exam. There will be no make-ups or re-takes.

GRADING

It is your responsibility to be aware of your grade. Your final grade will be determined as follows:

| | | |
|-----------------|------------------------------|-------------|
| Online Homework | 20% of your grade | A: [88,100) |
| Unit Exams | 45% of your grade (15% each) | B: [78,88) |
| Pop Quizzes | 10% of your grade | C: [70,78) |
| Final Exam | 25% of your grade | D: [65,70) |
| | | F: [0, 65) |



ATTENDANCE

YOU ARE REQUIRED TO ATTEND CLASS EVERY DAY. AFTER 3 HOURS OF ABSENCE (2 CLASSES), YOU MAY BE DROPPED FROM THIS CLASS. IT IS YOUR RESPONSIBILITY TO KEEP YOUR ENROLLMENT STATUS CURRENT. YOU RISK AN "F" IF YOU STOP ATTENDING WITHOUT OFFICIALLY WITHDRAWING. DO NOT BRING FRIENDS OR CHILDREN TO CLASS. PLEASE PUT AWAY ALL MP3 PLAYERS AND TURN ANY CELL PHONES TO SILENT MODE DURING CLASS TIME. NO CELL PHONES WILL BE ALLOWED ON YOUR DESK DURING EXAMS. WE ARE HERE TO LEARN; PLEASE REFRAIN FROM TEXTING DURING CLASS.

Class attendance is not a measure of performance or proficiency. Whether a student is just physically present in the class is not a valid basis for grading. Reference Title 5 Section 55002 of the California Code of Regulations: (A) Grading Policy. The course provides for measurement of student performance in terms of stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55758 of this Division. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.

STUDENT ACCESS

Students with special needs are encouraged to meet with instructors to discuss the opportunity for academic accommodation and be referred to disabled student program and services per Administrative Procedure (AP 3440).

If you have a learning disability or physical need that requires special accommodation, please advise me prior to 09-08-15 (the start of the second week of class).

ACADEMIC SUPPORT

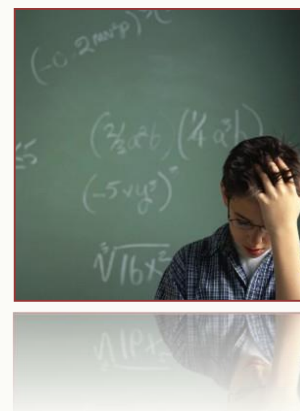
You are strongly encouraged to get tutoring or go to the Math Success Center, study in groups, and see me for help outside of class. All of these are free! Students that get help outside of class are typically much more successful than those that do not.

Regular Math Success Center hours are:

Monday-Friday 8:30 AM - 5:00 PM (starting the second week of class)

The Math Lab is located in building 42 (the Academic Commons). Outside of these those hours, please go to the information booth at the east end of the Tech building to sign in for tutoring help. The MSC will begin operation the second week of the semester.

My office hours are listed at the start of this syllabus. Appointments are also available if you are unable to meet me at those times. Online office hours are also available...



SCHOLASTIC DISHONESTY



While students may work together on the researching of any assignment, it is expected that each of their writing assignments reflect substantial individual effort. Any student who commits plagiarism or is found to have cheated on a scheduled exam is subject to a zero score for that specific exam which may result in a term grade of "F" for this course. Students should be aware that cases of cheating and/or plagiarism will be forwarded to the appropriate college administrator promptly. The college administration has a range of sanctions that may be imposed including, but not limited to, academic suspension or expulsion from the college.

IMPORTANT NOTES ABOUT TECHNOLOGY



This course requires reliable computer access. Please ensure your computer is in good repair at the start of the semester. It is suggested that before any major assignments, you re-start your browser to clear any memory caches which may cause issues. Java software tends to "junk up" your browser at times. While documented outages may occur, it is the student's responsibility to meet all deadlines in this course. If your internet service at home is unreliable, do not wait until the last day to start assignments. There are plenty of computers that you are able to use on campus.

At the start of the semester, please go to www.connectmath.com/downloads and install the latest versions of many key plug-ins and movie players.

VVC CALENDAR



| | |
|---|--------------------|
| Fall Semester Begins | August 31 |
| Last Day to Drop without a "W" grade | Sept.13 |
| Last Day to Drop and still receive a "W" | October 17 |
| Last Day of our Class | December 15 |
| Spring Semester Ends | December 19 |

OUR CLASS SCHEDULE

| | | | | | |
|----|-------|----------------------------|----|-------|----------------------|
| T | 09.01 | Intro, 1.7 | T | 10.27 | 7.1, 7.2 |
| Th | 09.03 | 1.8, 2.1, 2.2 | Th | 10.29 | 7.3, 7.4 |
| T | 09.08 | 2.3, 2.4 | T | 11.03 | Review |
| Th | 09.10 | 2.5 | Th | 11.05 | Test Unit 2 |
| T | 09.15 | 3.1, 3.2, 3.3 | T | 11.10 | 8.5, 8.6, 8.7 |
| Th | 09.17 | 3.4, 3.5a | Th | 11.12 | 9.1, 9.2 |
| T | 09.22 | 3.5b | T | 11.17 | More graphing |
| Th | 09.24 | Review | Th | 11.19 | 10.1, 10.2, 10.3 |
| T | 09.29 | Test Unit 1 | T | 11.24 | 10.5, 10.6 |
| Th | 10.01 | 4.1, 4.2, 4.3 | Th | 11.26 | Thanksgiving Holiday |
| T | 10.06 | 4.4, 4.5 | T | 12.01 | 10.4 |
| Th | 10.08 | 4.6, 4.7, 4.8 | Th | 12.03 | More factoring |
| T | 10.13 | Review, 5.3, 5.4 | T | 12.08 | Review |
| Th | 10.15 | Earthquake drill; 5.5, 5.6 | Th | 12.10 | Test Unit 3 |
| T | 10.20 | 6.1, 6.2 | T | 12.15 | Review |
| Th | 10.22 | 6.3, 6.4 | Th | 12.17 | Final Exam |

STUDENT LEARNING OUTCOMES

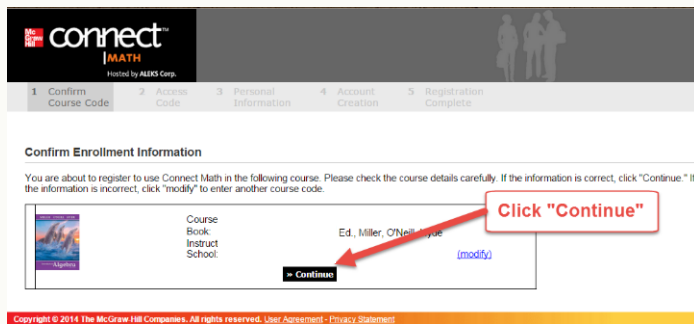
Upon completion of the course the student can:

1. Solve linear equations and applications.
2. Perform order of operations using signed numbers.
3. Perform polynomial operations.
4. Factor polynomials.

To register for Connect Math, you will need to follow these steps:



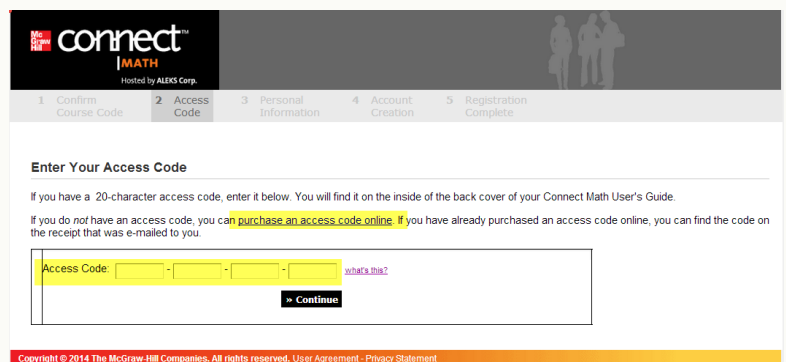
On the next screen, you will need to enter our course code: **KYM3A-RCFMQ**. This will get you to our class.



On the next screen, verify you have the course, and then click “continue”.

On the next screen, you will have three options:

1. If you have the \$100 now, click on “purchase an online code online” for the least expensive option.
2. If you have purchased the access code at the bookstore, enter it into the boxes to gain your access.
3. If you will have one of the above in the next couple of weeks, but not right now, then...



There is a two-week **free** access code to get into Connect Math. It is **27D0-DD9A9-2A729-B4E67** (zero in the first grouping). Note that it does not give add an additional two weeks to your course. You will need to extend your account **BEFORE** the end of the two weeks.