

BASIC MATH SKILLS

MATH 10 ONLINE, SUMMER 2012
SECTIONS #40550 (3 UNITS)

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 No office hours during summer courses

COURSE

DESCRIPTION

This course covers the basic operations applied to whole numbers, fractions (including mixed numbers) and decimals. Prime factorization, least common multiple, ratio and proportion, similar triangles, averages; graphs and tables, square roots, the Pythagorean theorem, measurement, operations on signed-numbers and solutions of simple linear equations are also covered. This course will not apply to the Associate Degree.

PREREQUISITES

PREREQUISITE: Placement as determined by VVC assessment test.

TEXTBOOK / MATERIALS



BASIC COLLEGE MATHEMATICS, 2ND EDITION, MILLER, O'NEILL, HYDE

Online access at <http://www.connectmath.com/>. You will need an access code. You can purchase the access code directly from the website (\$80) or from the Rams bookstore (\$109.60).

Online access is required and includes complete digital access to your e-books, videos and homework. Your course Code is **QAPFH-LTQWE**. You may begin the registration process at ConnectMath beginning June 15th, but the class will not officially begin until Monday, June 18th.

SUMMER 2012 CALENDAR

Summer Session Begins	June 18
Last Day to Drop and Still Receive a "W" grade	July 11
Summer Session Ends	August 11

HOMEWORK

Practice is a vital component in learning mathematics. Students are to read each section in the e-book and do the assigned work. Videos for each section in the course may be found in two places: by choosing the Resources tab at the top of your Connect window, or by going to <http://www.millerhelp.com> (choose the green book with the mosaic turtle on the cover).

You may take each homework assignment as many times as you wish, and I will only count the highest grade for each assignment. You will, however, need a 70% on any given assignment in order to move on to the next assignment within that chapter. For example, you will not be allowed access to section 1.2 until you have completed the homework for section 1.1 with a score of at least 70%.

CHAPTER TESTS

We will have 11 chapter tests and one final exam. For each chapter test, you will only be allowed ONE 90-minute attempt. I will drop your lowest-scoring chapter exam. Your final exam, also online, will become available one week prior to the end of the semester. You will only be allowed ONE 150-minute attempt for the final exam. No notes or "cheat sheets" may be used on any of the chapter tests or on the final exam.

E-MAIL ASSIGNMENTS

There will be several short e-mail assignments as part of the course. Mostly these are of a book-keeping and communication nature. These will be sent directly to you at the email address you use to register for Connect.

GRADING

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

Chapter Tests	40% of your grade	A: [88,100)
Online Homework	25% of your grade	B: [78,88)
E-mail Assignments	5% of your grade	C: [70,78)
Comprehensive Final Exam	30% of your grade	D: [65,70)
		F: [0, 65)



CALCULATORS

Calculators are NOT permitted in this course. It sort-of defeats the purpose of the course. While I cannot monitor what you are doing at home, you are on your academic honor not to be using one. If it is discovered that you are using one, it will be considered academic dishonesty and you will be turned in to the Office of Student Services for academic dishonesty.

STUDENT LEARNING OUTCOMES

Upon completion of the course the student can:

1. Add, subtract, multiply and divide whole numbers, fractions and decimals.
2. Solve percentage problems.
3. Find the perimeter and area of basic polygons.

COURSE DEADLINES

I have learned over the semesters that if I give deadlines which are too far apart, students tend to take too much time off and "cram" at the last minute. On the other extreme, if I assign deadlines too close to each other, it defeats the purpose of an online class, as I know you all have busy work schedules and vacations planned during summer.

For this reason, the following chart contains both "suggested due dates" and "firm deadlines". The "suggested due dates" are those which will most evenly spread the work out across the course, taking into account the level of difficulty of the various assignments, and assuring you will finish the course on time. The "firm deadlines" are those programmed into Connect. If you are finishing most of your assignments at these "firm" dates, you will likely fall behind and not be able to effectively finish the course on time.

Chapter	Suggested Due Dates	Firm Deadlines	Comments
1, 2	6-24-12	7-2-12 at 8 am	There will be two separate exams for these chapters.
3	7-1-12	7-9-12 at 8 am	
4	7-8-12	7-16-12 at 8 am	
5	7-15-12	7-20-12 at 8 am	
6	7-22-12	7-26-12 at 8 am	Percentages - tougher chapter...
7, 8, 9	7-29-12	8-2-12 at 8 am	There will be a single test covering all 3 chapters.
10	8-5-12	8-6-12 at 8 am	
11	8-11-12	8-12-12 at 8 am	
Final Exam		08.12 at 8 am	The course "ends" at midnight on August 11th, but you may have until the next morning. You have only one 150-minute attempt for the final exam.

IMPORTANT NOTES ABOUT TECHNOLOGY

This is an online course, requiring 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, the computer be re-booted to clear any memory caches which may cause issues while testing. While documented outages may occur, it is the student's responsibility to meet all deadlines in this course.

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. If you ever find your computer running slow, sometimes the cause may be too many versions of Java running in your system. If this is the case, go into your Control Panel, uninstall both Java and Aleks. Then go to the download page mentioned above and re-install Java first, followed by Aleks. This will solve many of the issues that students typically face.

POLICIES



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.

IT IS EXPECTED THAT YOU ARE ALONE WHEN TAKING ANY CHAPTER EXAMS. YOU MAY NOT SEEK ANYONE'S ASSISTANCE DURING THESE EXAMS. THERE SHOULD NOT BE ANYONE LOOKING OVER YOUR SHOULDER HELPING, PROMPTING, OR CORRECTING YOU. IT IS ASSUMED THAT YOU ARE TAKING ALL EXAMS WITHOUT THE AID OF A CALCULATOR.

ATTENDANCE

If this were an on-campus class, you would be required to attend class every day. After 3 hours of absence, you could be dropped from this class. As an online class, the same rules need to hold. **If you do not log in to ConnectMath to work for 7 straight days, you will be considered to be excessively absent and may be dropped. It is your responsibility to keep your enrollment status current. You risk an "F" if you stop attending without officially withdrawing.**

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 06-25-12 (the start of the second week of class).