

THE IDEAS OF MATH

MATH 132 ONLINE, SUMMER 2012
SECTIONS #40587 (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

Sets and their application to permutations, combinations, binomial theorem, correspondence, countability, finite probability measures, and expectation; linear, exponential and geometric modeling with applications. CSU, UC.

PREREQUISITES

PREREQUISITE: MATH 90 WITH A GRADE OF "C" OR BETTER, OR ELIGIBILITY AS DETERMINED BY VVC ASSESSMENT TEST. You may be asked to provide written proof that you have met this prerequisite. Acceptable forms of proof include (but are not limited to) VVC Assessment Test results, WebAdvisor or MicroGrade printout, or prerequisite challenge approval.

TEXTBOOK / MATERIALS



USING & UNDERSTANDING MATHEMATICS, 5TH EDITION, BENNETT

Online access at <http://www.coursecompass.com/>. You will need an access code. You can purchase the access code directly from the website (\$85.80) or from the Rams bookstore (\$101.40).

Online access is required and includes complete digital access to your text, videos and homework. Your course ID is **toner14175**. You may begin the registration process at CourseCompass 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 through each section in the text and do the assigned work. Click the “Homework” menu button on the left side of the CourseCompass website to do assigned work. For each section, I will select exercises for you to do online. Homework will be worth a total of 100 points for the semester. If you do all the problems correctly, you get 100 points. If you do half the problems correctly, you get 50 points, etc. You may take each homework assignment as many times as you wish, and I will only count the highest grade for each assignment.

CHAPTER TESTS

We will have 8 chapter tests, one midterm exam, and one final exam. You may take each chapter test online as many times as you wish, and I will count the highest grade for each chapter. The chapter tests will each have a 90-minute time limit and be worth a total of 100 points, i.e. your average percentage for all 8 online tests. To take the assigned tests, just click the “Tests” menu button on the CourseCompass website.

The midterm and final exam will be worth 100 points each. The midterm exam will cover chapters, 1, 2, 5, and 6, and the final exam will cover chapters 7, 8, 9, and 10. You only have one 150-minute attempt for the midterm and final exam, so make sure you are prepared for those exams before you start them.

GRADING

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

Chapter Tests	100 points	A: 360-400 points
Online Homework	100 points	B: 320-359 points
Midterm Exam	100 points	C: 280-319 points
<u>Final Exam</u>	<u>100 points</u>	D: 260-279 points
Total	400 points	F: 0-239 points



DEADLINES

The midterm exam and all assigned homework and tests for chapters 1, 2, 5, and 6 are due by 11:59 PM **July 15th**. The midterm will become available on July 9th. The final exam and all assigned homework and tests for chapters 7, 8, 9, and 10 are due by 11:59 PM **August 11th**. The final exam will become available on August 5th. These are the only deadlines for all your work; you must pace yourself to do all the assigned work and tests by these deadlines. (Since this is a summer class and the timeline is compressed, I am giving you a little freedom to pace yourself through the course.)

CALCULATORS

Non-graphing Calculators are allowed at any time in this course. While I cannot monitor what you are doing at home, you are on your academic honor not to be using one.

STUDENT LEARNING OUTCOMES

Upon completion of the course the student can:

1. Use Venn diagrams to solve applications.
2. Use combinations and/or permutations to solve probability applications.
3. Find the expected value of a probability distribution.

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.

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 CourseCompass 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).