

TRIGONOMETRY

MATH 104, SPRING 2014- BLDG. 21, ROOM 142 (4 UNITS)
SECTION #48667 - TUES & THURS - 5:30-7:20 PM

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	Tuesdays: 7:15 AM - 7:40 AM Thursdays: 7:15 AM - 11:00 AM

COURSE

DESCRIPTION

Topics for this preparatory course for calculus include trigonometric functions and equations, solutions of both right and oblique triangles, trigonometric forms of complex numbers and De Moivre's Theorem. Course content also includes verification of trigonometric identities, inverse trigonometric functions, half and multiple angles, vectors and their application, parametric equations, polar coordinates and polar equations. CSU.

PREREQUISITES

Math 90 with a grade of "C" or better, or by eligibility by placement on the VVC assessment exam.

TEXTBOOK / MATERIALS

TRIGONOMETRY, 3RD EDITION, BY DUGOPOLSKI



This course will be taught in a traditional format with no online requirements. You may either:

- purchase the text at the bookstore (new for \$203.10, used for \$154.40) which will include MyLab.
- purchase online access to MyLab directly from the publisher for \$95.20.
- purchase the text elsewhere, wherever you can find the best price.

MyLab can be purchased online at <http://www.pearsonmylabandmastering.com> for \$95.20. You would need the course ID "toner24866". Follow the directions found on the last page of this syllabus.

Online access through MyLab is completely optional, and is only necessary if you wish to access additional support materials and online videos produced by the publisher. There will be no online requirement for this course.

GRADING

Grades will be based on the average of all exams. No notes or “cheat sheets” will be allowed on any exam. Any exam not taken will be regarded as a zero. The final exam (which counts as two exams) is both required and comprehensive. The lowest exam score (or half the final exam) will be deleted prior to computing the term grade. Students are expected to complete all exams during class on the dates and times scheduled and no make-up or re-take exams will be given.



Grading Scale:

A: [88,100) B: [78,88) C: [70,78) D: [65,70) F: [0, 65)

HOMEWORK

Practice is essential. Each student is expected to spend at least 2 hours doing homework for each hour this class meets. Homework (all of the odd exercises in your text unless directed otherwise) is completely optional and each chapter of homework will be collected on the night of that chapter’s exam. Homework will count up to 5 bonus points on that chapter’s exam score.

Scientific calculators (not graphing or symbolic calculators) will be needed for portions of some of the exams.

ACADEMIC SUPPORT

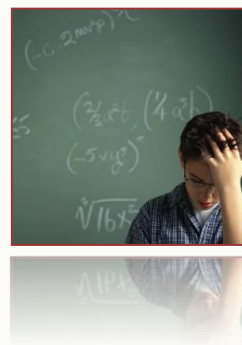
You are strongly encouraged to get tutoring or go to the Math Success Center, study in groups, and see me for help outside of class. All of these are free! Students that get help outside of class are typically much more successful than those that do not.

Regular Math Success Center hours are:

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

The Math Success Center is located in building 42 (the Academic Commons). The Math Success Center will open 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.



ATTENDANCE

You are required to attend class every day. After 4 hours of absence, 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 turn any cell phones or pagers 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).

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.

EXTRA CREDIT

No extra credit will be granted beyond the established grading scale. Note that the lowest-scoring chapter of chapter tests will be dropped prior to computing the term grade.

VVC SPRING CALENDAR

Spring Term Begins	February 3
Last Day to Drop and still receive a "W"	March 21
Spring Break (college closed)	March 31-April 4
Spring Semester Ends	May 31

CLASS SCHEDULE

An effort will be made to adhere as closely as possible to this schedule. If we can ever "get ahead" of the pace, we will take the opportunity to do so, just in case we need extra time on other material, later in the course. Test dates are fixed, however. They will not change, regardless of our progress through the course.

Sections to be Covered In Class			Sections to be Covered In Class		
T	02.04	1.1 - 1.2	T	04.08	4.1
Th	02.06	1.3	Th	04.10	4.2
T	02.11	1.4, 1.5a	T	04.15	4.3
Th	02.13	1.5b, 1.6	Th	04.17	4.4
T	02.18	Review; P.3 (on chapter 2 test)	T	04.22	Review, 5.1
Th	02.20	Review, Test Chapter 1	Th	04.24	Review, Test Chapter 4
T	02.25	2.1 - 2.2	T	04.29	5.2 - 5.3
Th	02.27	2.3 - 2.4	Th	05.01	5.4 - 5.5
T	03.04	2.5, Review	T	05.06	Review, 6.1
Th	03.06	Review, Test Chapter 2	Th	05.08	Review, Test Chapter 5
T	03.11	3.1, 3.2a	T	05.13	6.2 - 6.3
Th	03.13	3.2b	Th	05.15	6.4
T	03.18	3.3 - 3.4	T	05.20	6.5
Th	03.20	3.5 - 3.6	Th	05.22	Review, Test Chapter 6
T	03.25	Review, catch-up	T	05.27	Review
Th	03.27	Review, Test Chapter 3	Th	05.29	Final Exam

STUDENT LEARNING OUTCOMES

Upon completion of the course the student can:

1. Identify six trigonometric functions and express them as the ratio of the sides of a right triangle.
2. Solve right triangle problems.
3. Use trigonometric identities to evaluate a non-standard angle without the use of a calculator.
4. Evaluate the six trig functions at standard angles without the aid of a calculator.

MyLab & Mastering Student Registration Instructions

To register for Math 104:

1. Go to www.pearsonmylabandmastering.com.
2. Under Register, click **Student**.
3. Enter your instructor's course ID: [toner24866](#), and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
 - If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign in**.
 - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
 - Use the access code that came with your textbook or that you purchased separately from the bookstore.
 - Buy access using a credit card or PayPal.
 - If available, get 14 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the Confirmation page. Under MyLab & Mastering New Design on the left, click **Math 104** to start your work.

Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:

1. Go to pearsonmylabandmastering.com.
2. Click **Sign in**.
3. Enter your Pearson account username and password. Click **Sign in**.
4. Under MyLab & Mastering New Design on the left, click **Math 104** to start your work.

Additional Information

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.