

MAT 106: Trigonometry
First Day Handout for Sections 010 and 020
Fall 2013

Instructor: Dr. Brian Kronenthal
Office: Lytle Hall 264
E-mail: kronenthal@kutztown.edu (**Best way to reach me**)
Phone: (610) 683-4393 (Again, e-mail is preferred)



Meeting Times:
- Section 010: MWF 9:00am-9:50am in DF 114
- Section 020: MWF 1:00pm-1:50pm in BK 240

Office Hours: Monday and Wednesday 2:00pm-3:00pm; Tuesday 1:00pm-2:00pm; Thursday 3:00pm-5:00pm; and by appointment (to make an appointment, send me an e-mail)

Course Websites:

1. <http://faculty.kutztown.edu/kronenthal> (for course documents, material covered, homework assignments, schedule and material for quizzes and exams)
2. <https://desire2learn.kutztown.edu> (for exam, quiz, and homework solutions; possibly for grades)

Textbook: *A Graphical Approach to Precalculus with Limits: A Unit Circle Approach*. Fifth Edition. Hornsby, Lial, and Rockswold.

Prerequisite: MAT 105 (College Algebra) or its equivalent

My philosophy: Not only does learning mathematics require practice, but it also requires *mistakes*. Making mistakes helps us to understand why concepts work the way that they do. Students should not expect to master a concept just by seeing it introduced in class; **doing practice problems is essential**. In addition, **questions in class are not only expected, they are critical**. If you have a question, it is likely that several other students have the same question; so PLEASE ASK QUESTIONS!

To facilitate an open and productive learning environment where students are comfortable asking any question they might have, I demand that students treat each other with a high level of respect. In addition, distractions from cell phones (including texting), computers, side conversations, etc. will not be tolerated. This is not only for your benefit, but more importantly out of respect to the students around you.

Attendance: Without sufficient help, attempting to learn mathematics can be a daunting task. Therefore, it is extremely important to attend (and be on-time for) all sessions of this class. As mathematics is by nature a cumulative subject, missing class will almost certainly have an adverse impact on your grade.

University-recognized legitimate reasons for absence include, but are not limited to, death in the immediate family, religious observance, academic field trips, participation in an approved concert or athletic event, direct participation in university disciplinary hearings, and jury duty.

A student who misses class due to a legitimate reason bears the responsibility for fulfilling all course expectations in a timely and responsible manner. This includes contacting a classmate to get missed notes, assignments, and announcements.

Grading Policy:

Your grade for this course will be calculated from the following components. ALL work must be clearly shown to qualify for full credit.

If you miss a quiz or exam, you should expect to receive a 0 unless you make arrangements with me **before** the exam or have experienced an unanticipated medical emergency; furthermore, to avoid a 0, your absence should be legitimate (see attendance policy above) and **documented**. The approval of accommodations will be at my sole discretion.

- Exams (4 exams, each worth 15% of your final grade): Exams are tentatively scheduled for the following dates: Friday, September 13; Friday, October 11; Friday, November 1; and Monday, November 25. They will be held during the regularly scheduled class, and you will have the entire 50 minute period to complete the exam. You may use a basic calculator on exams. My definition of the term “basic

calculator” is below; read it carefully. Exams will be cumulative only in so much as the course material is inherently cumulative.

- Quizzes and Homework (15% of your final grade): Quizzes are tentatively scheduled for the following dates: Friday, September 6; Friday, October 5; and Friday, November 23. Quizzes will be cumulative only in so much as the course material is cumulative. You may use a basic calculator.

Homework will be assigned for each section we cover in class. **It is your responsibility to go to the course website and complete all assigned problems. You are also expected to read all sections that we cover in class.**

There will be two types of homework problems: those to be submitted and those not to be submitted. Collected homework will be graded based on completeness and correctness. Failure to satisfy any of the following requirements will result in a reduced grade:

- ONLY submit problems designated for collection. Write neatly and show all work.
- Your homework must be in the order that it was assigned. If you run out of space and must finish a problem on another page, please neatly write a short note telling me where to look.
- If you turn in multiple pieces of paper, you must staple them (paper clips, folding down corners, etc. are not acceptable).

Collected homework is due no later than 2 minutes after the start of class on the due date. Late homework will be accepted until 2:15pm on the due date, although a penalty will be assessed (10% for a first offense, 20% for a second offense, 30% for a third offense, etc.) This penalty MAY be waved if you make arrangements with me **before** the homework is due and have a valid, **documented** reason. The approval of such accommodations will be at my sole discretion.

You are encouraged to discuss concepts and problems from the textbook with others. However, you should neatly write problems for submission on your own and with due thought (i.e. do not mindlessly copy scratch work). **BE WARNED: most exam and quiz problems will require similar reasoning to problems in the homework. If you rely on someone else while completing the homework, your lack of understanding will be evident. Ultimately, to succeed on exams and quizzes, you should be able to do ALL homework problems (collected and uncollected) without help from any source (i.e. without your textbook, friend, ...).**

- Final Exam (25% of your final grade): There will be a 120 minute CUMULATIVE final exam; you may use a basic calculator. The exam has tentatively been scheduled for:
 - Section 010: Monday, December 9 from 8:00am-10:00am
 - Section 020: Wednesday, December 11 from 8:00am-10:00am

If the university is forced to postpone the exam, it will (tentatively) be held on Saturday, December 14. Make travel plans accordingly.

Once your grade is calculated according to the above formula, your letter grade will be determined as follows; round to the nearest percent.

93% ≤ A	87% ≤ B+ ≤ 89%	77% ≤ C+ ≤ 79%	60% ≤ D ≤ 69%
90% ≤ A- ≤ 92%	83% ≤ B ≤ 86%	70% ≤ C ≤ 76%	F ≤ 59%
	80% ≤ B- ≤ 82%		

Remember that YOU will EARN your grade; it will not be assigned to you. Be sure to work hard all semester, and talk to me IMMEDIATELY if you have trouble, need advice, or are concerned about your grade; once the semester is over, you will receive whatever grade you EARNED. The grade you need to graduate, for your major, for a scholarship, or for any other reason will NOT be a consideration.

At my sole discretion, I reserve the right to:

1. At any time, award bonus points based on attendance.
2. Raise a student’s grade (a partial letter grade) to reflect significant improvement, consistent attendance, and demonstrated effort over the course of the semester.

Students seeking a peer tutor may wish to contact the Office of Academic Enrichment; see <http://www2.kutztown.edu/AcademicEnrichment> for details.

Calculator Policy: For exams and quizzes in this course, you may use a basic calculator. This means your calculator should only perform basic arithmetic; any calculator with a non-basic key or function (for example: \log , \ln , \cos , \sin , \tan , ...) is NOT allowed. Any calculator with graphing, programming, or memory capabilities (beyond the last number typed in) will NOT be allowed. A calculator on a cell phone, computer, tablet or any other device will NOT be allowed. I reserve the right to inspect and disqualify any calculator at any time. If you are uncertain whether your calculator is allowed, ask me (leave enough time to find a new calculator if I decide yours is unacceptable). It is YOUR responsibility to bring a working calculator with charged batteries that meets my satisfaction; failure to do this will NOT qualify you to receive extra time or other compensation. Basic calculators may be purchased in the KU bookstore.

Special Accommodations: If you have already disclosed (or will be disclosing) a disability to the Disability Services Office (215 Stratton Administration Building) and are seeking accommodations in this course, please discuss this with me (preferably in private) as soon as possible. Accommodations relating to a quiz/homework/exam often take time to arrange; therefore, please make every attempt to discuss the matter with me at least 72 hours before the due date (or quiz/exam date). Please note that I cannot approve accommodations retroactively.

Academic Conduct: All students must be honest and forthright in all of their work. If you have any questions about what this entails, please ask. Ignorance of course or university policies is not an excuse. Any instances of suspected academic dishonesty will be reported to the proper authorities. Please see The Key (<http://www2.kutztown.edu/TheKey>) or <http://www2.kutztown.edu/about-ku/administrative-offices/student-conduct/policies-and-procedures/academic-honesty.htm> for more details.

Some advice:

If this is your first college math class, be warned that this course will most likely be much more demanding than the math courses you took in high school. Here are some things you can do to improve your chances of success in this course.

1. Attend every lecture! Do not arrive late or leave early. Take neat notes.
2. Participate in class by answering my questions (educated guesses are welcomed!), as well as by asking questions when you are confused.
3. Do the homework immediately after we cover the corresponding sections in class. This will not only reinforce the knowledge you have acquired before it starts to fade in your memory, but it will also make sure you are prepared to understand subsequent material.
4. **Do all assigned homework**, not just the problems designated to turn in.
5. Before every exam, re-do most of the homework. **If you can do every assigned homework problem correctly without any assistance from any source (such as your textbook, the internet, or a friend), you are likely to succeed on an exam. If you cannot, you are likely to do poorly.** So treat the homework seriously!
6. Maintain a POSITIVE ATTITUDE! If you convince yourself you can't succeed, you won't. If you keep an open mind, even if you have had trouble with mathematics in the past, the result will likely be much better.
7. ** If you have questions or are struggling, come talk to me as soon as possible. It is YOUR RESPONSIBILITY to make sure you get the help you need. I am happy to help, but you have to take the initiative. Do not hesitate to seek assistance; I view this as a sign of strength, NOT of weakness. Regardless of background and ability, students who regularly seek help learn more. FREQUENT AND HONEST COMMUNICATION IS KEY!