

TRIGONOMETRY

MAT 106, SECTIONS 120 & 140 SYLLABUS

FALL SEMESTER 2018

INSTRUCTOR: Dr. Brooks Emerick
OFFICE: Lytle Hall 266
EMAIL: bemerick@kutztown.edu (best way to contact me)
OFFICE PHONE: (610) 683-4406
COURSE WEBSITE: <http://www.brooksemerick.com/mat-106>
106-120 LECTURE: TR 9:30 - 10:50 AM Beekey Hall 241
106-140 LECTURE: TR 1:30 - 2:50 PM Beekey Hall 235
OFFICE HOURS: MWF 9:30 - 11:00 AM Lytle Hall 266
W 12:00 - 1:00 PM Lytle Hall 266
or by appointment

COURSE MATERIALS:

- Textbook (OPTIONAL): Trigonometry (10th Edition) by Ron Larson. Note: this is the most recent edition, but you may purchase an earlier edition.
- Online System (REQUIRED): You must have an access code for WebAssign. This access includes an electronic version of the textbook. You must purchase the WebAssign access code separately at www.webassign.net. When registering, use the course ID below that corresponds to your section:
 - Section 120: **kutztown 1925 6258**
 - Section 140: **kutztown 8862 3130**

For help on how to enroll into the course, click on the link labeled “WebAssign Registration Instructions” on the course website.

- Calculator (REQUIRED): A graphing calculator is required for this course; a *TI-84* is recommended.

GRADES: Your grade is determined by your participation and performance on homework assignments, quizzes, class exams, and a comprehensive final exam.

- 1) **Homework (20%)** – The homework grade consists of the following components:
 - i) 3 Written Problem Sets (5%): There will be one written assignment due a week before each exam. These problems may be taken from the textbook or elsewhere. Each assignment is to be hand written or typed.
 - ii) 23 WebAssign Problem Sets (15%): These will be assigned online and they will be due every Tuesday and Thursday. The lowest assignment is dropped.
- 2) **Participation/Quizzes (10%)** – Quizzes will be given occasionally during lecture and will occur only on Thursdays (see schedule). There are nine quizzes.

- 3) **Exams (45%)** – There will be three midterm exams, the sum of which will total 45% of your grade (lowest score - 10%, middle score - 15%, highest score - 20%). Exam schedule is below:
- i) **Exam I: Thursday September 27.** To cover: Sections P.1–P.8, 1.1–1.6
 - ii) **Exam II: Thursday November 1.** To cover: Sections P.9, P.10, 1.7, 2.1–2.5
 - iii) **Exam III: Thursday December 6.** To cover: Sections 3.1–3.4, 5.1–5.4
- 4) **Final Exam (25%)** – Comprehensive final exam is two hours in length and each section are held on the following dates:
- **MAT106-120: Thursday December 13** from 8:00 AM to 10:00 AM in Beekey Hall 241.
 - **MAT106-140: Thursday December 13** from 11:00 AM to 1:00 PM in Beekey Hall 235.

Percentages are subject to minor modification. Any such changes will be communicated to the students in a timely manner.

ATTENDANCE: I will take attendance every day. Attendance is expected. If you know that you will not be able to attend class, please notify me beforehand. Absences will be counted as unexcused unless you have a documented illness or emergency. If you miss class, it is your responsibility to get a copy of the notes for the day, to collect any material that was returned that day, and to arrange to submit any homework by the due date. **Missing class is not a legitimate reason to turn in an assignment late. If you are not in class during a quiz, you will receive a zero.**

WORKSHEETS: I will frequently post on the course webpage a listing of blank worksheets for each section that will be covered in the course. These worksheets are NOT graded and they only exist to facilitate the lecture and to provide you with extra problems to prepare you for the quizzes and exams. Next to the link for the blank worksheets will be another link that has the written out solutions. This way, you can check your answers and see the solution written out fully so that you can understand the methods used to arrive at the answer. The worksheets are posted only for your benefit and they are not graded.

WRITTEN AND ONLINE HOMEWORK: The textbook for this course is structured as a traditional textbook with plenty of workable problems at the end of each section. Online and written assignments will be taken mostly from textbook problems. The due dates for written and online assignments are laid out explicitly on the course schedule. Online homework is due at midnight on the indicated day in the schedule. If you miss a deadline for online homework, 5% of your total grade for that assignment will be deducted for each day that it is late. Hence, after 20 days of non-submission of an online assignment, you will receive a zero. Written homework is due at the beginning of class on the indicated day in the schedule. **Late homework and/or homework that is photographed and sent via email is not accepted.** Late homework will receive a zero unless there are extraordinary circumstances that can be documented via the Dean of Students office. Homework is graded on both the mathematical content and on the exposition, where appropriate. Students are encouraged to work together, but each must submit his/her own work. Below are some grading policies concerning the written problem sets:

- The correct answer alone will not receive full credit (Show all work).

- If it is unclear to me how you arrived at your solution or if I cannot follow your work, you will not receive full credit.
- Poorly drawn graphs or poor handwriting in general may result in a loss of points.
- Blatant copying and submission of identical solutions will result in a zero for all parties involved.
- Waiting until the last minute to start the homework is too late. You should start the homework soon enough so that you can take advantage of office hours.

If you have any questions or concerns about any homework question, either on the written homework or the online homework, do not hesitate to email me.

PARTICIPATION/QUIZZES: Occasionally, I will assign a quiz at the end of the lecture on Thursdays (see schedule). The quiz will only be one or two questions in length and will be collected at the end of the class period. The quiz questions may originate from that day's lecture worksheet or it may assess your knowledge of material covered earlier in the week. This, essentially, will act as an attendance, participation, and quiz grade. I will typically announce at least a day in advance the material that will be covered on the quiz. The quiz will be graded on correctness. **If you are absent for a quiz, you receive a zero on that quiz.**

EXAMS: There will be three regular exams and one cumulative final exam (dates are above, on the schedule, and on the website). The three regular exams are 80 minutes long during normal lecture hours on Thursdays in the normal lecture classroom. **Calculators are permitted on exams.** If you are absent during an exam, then you will receive a zero. **Make up exams are given only in the case of a serious medical problem or emergency documented by the Dean of Students office.** Written documentation of any such situation will be required.

GENERAL POLICIES/IMPORTANT NOTES: I expect the following from you:

- Arrive to class on time with required readings and/or homework completed.
- Come to class prepared and willing to work during class time and collaborate with your peers.
- Do not talk while I'm talking, but do collaborate during in-class activities.
- Be attentive during class lectures and participate in class discussions.
- **Put your cell phone on silent** and do not use it during class.
- **Do not use your laptop during class.**
- Use the restroom before you come to class.

Failure to abide by these simple classroom rules may affect your grade. You can expect the following from me:

- The course website (<http://www.brooksemerick.com/mat-106>) is maintained regularly. Assignments, solutions, lecture notes, and other course materials will be posted on the website and updated frequently. Before you ask me a question, check the website. Check your emails regularly for announcements.
- If my office hours are inconvenient for you, email me and I will make time outside of class to meet with you to discuss the course material and assignments.
- Graded assignments will be handed back to you in a timely manner.
- Do not be afraid to email me about anything. I will try my best to respond swiftly.
- I rarely deviate from the grading scale (shown below). I don't give extra credit opportunities. So please do not ask about such things.
- Feedback on exams and homework will not be given during class time. If you have questions about your grade, please come to office hours or email me to set up an appointment to discuss it.

ACADEMIC DISHONESTY: I do not tolerate academic dishonesty. You are required to abide by the Student Code of Conduct outlined in the most recent policies and procedures in the The Key Student Handbook (www.kutztown.edu/TheKey). Violations of the policy will be handled by the Office of Academic Honesty in the Dean of Students Office.

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 for 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). I cannot take any action retroactively.

GRADING SCALE:

Grade	Percentage
A	[92%, 100%]
A-	[90%, 92%)
B+	[88%, 90%)
B	[82%, 88%)
B-	[80%, 82%)
C+	[76%, 80%)
C	[70%, 76%)
D	[60%, 70%)
F	[0%, 60%)