

MATH 1316.01 Plane Trigonometry
Spring 2018, Sam Houston State University
LDB 400, MWF 8:00-8:50AM

Instructor: Clarissa Stone

Email: crs031@shsu.edu

Office: LDB 421F

Office Hours: Monday 2-3PM, Thursday 9:30AM-12PM, Walk-ins encouraged!

FREE Tutoring: Farrington 104 drop in tutoring hours:

Sunday 2-7PM

Monday-Thursday 8AM-9PM

Friday 8AM-3PM

NGL (Library) drop in tutoring hours:

Monday-Wednesday 7-10PM

Ada Lovelace Online Tutoring (A.L.O.T.)

Appointment only (instructions on Academic Success Center website)

Course Description: This course includes the study of trigonometry in the plane, including the graphs and inverses of all trigonometric functions, proving identities, and solving triangles.

Textbook: *Trigonometry* (8th Edition) by McKeague and Turner. Brooks/Cole.

Required Materials: You will need a calculator capable of performing trigonometric functions, a TI-30 is recommended. TI-89 and TI-Nspire are NOT allowed. Please see me if you cannot afford a calculator.

Reading

It is a good idea to briefly look over textbook sections before coming to class, this way you are prepared with questions or problems.

Homework-15% of final grade

There will be a homework assignment due every Friday (except during an exam week). Homework will be posted on Blackboard.

If you know you will be missing class, you may email photos of the homework by no later than 8:10AM on the day it is due. Late work is not accepted for any reason. I will take 10 homework grades so if you turn in 11 homework assignments, then one will be dropped (and so on).

Format:

- Homework should be completed on regular lined, graph, or computer paper.
- PRINT your name at the top, along with MATH 1316.01.
- Homework should be done in pencil; if you choose to do homework in pen, there can be NO scratch marks/mistakes.
- Rewrite problems and instructions (word problems not necessary).
- Please number problems in order going down vertically on your paper with each "step" of a problem on its own line. Do not create two columns in order to save space.
- The back of the page may be used ONLY if you write in pencil.
- If homework is more than one page, it must be stapled or paper clipped.
- Do not turn in homework with perforated edges still attached.

Each assignment is worth 10 points. 1 point-following the format, 1 point-showing work, 2 points-completing all assigned problems, 5 points-I choose 5 random problems to grade and each correct answer receives one point.

Quizzes- 15% of final grade

There will be a quiz at the end of class every Friday covering the same material as the homework and other concepts learned that week.

You must be in attendance for the entire class in order to take the quiz. There are no make-up quizzes. If you are in a university extracurricular activity, you must provide notice and documentation by the Tuesday before the scheduled quiz. Occasionally we will have unannounced group quizzes; you must attend to participate. I will take 10 quiz grades so if you take 11 quizzes, then one will be dropped (and so on).

Exams- 44% and 25% of final grade

There are four regular exams (11% each) and a comprehensive final exam (25%).

There are no make-ups for exams. If you are in a university extracurricular activity, you must provide notice and documentation at least three business days before the scheduled exam. A student who is ill or has some other significant emergency preventing the taking of an exam must contact the instructor as quickly as possible (must be done before the exam) and then should provide documentation of the emergency. No exceptions will be made for students who do not follow these guidelines. I do not drop exam grades but your lowest grade may be replaced by the final exam if it is beneficial.

Participation- 1%

Would you rather:

- Pass this class and (maybe) get embarrassed for 10 seconds in front of people you don't know and will never see again.
- Fail this class, lower your GPA, pay the tuition to take it again, and postpone your progress another semester.

Participation means attending class, asking questions when you are confused, giving answers when I ask, and receiving outside assistance during office hours. Math is not an exciting class but I promise it goes by faster when you engage in the discussion.

Attendance expectations

Attendance and participation in mathematics are critical for success.

You are responsible for getting any announcements and material covered in class if you are late or absent. Please do not come to me asking what was covered or said.

Rules for the classroom

As adults, I expect you to treat your classmates and me with politeness and respect. Students should be able to voice their questions, concerns, and ideas in a welcoming environment. Students should not distract other classmates in any way. Any student who arrives more than 15 minutes late to class may be asked to leave. Also, students should not leave class early. If a student must leave early, the student should tell me before class begins. Any student who leaves class more than 15 minutes early and does not provide a legitimate excuse will be counted absent.

How to study

Strictly copying notes is not the best idea for any class, your notes should be written as though you are writing yourself a letter. Write in pencil! Go back and add comments or rewrite your notes sooner rather than later. Reading your notes is not studying. Math is a physical exercise, you should practice multiple problems of each type (do not re-do the same problem over and over). Rework homework and quiz problems. If you need more problems to practice, look for odd numbered problems in the book (hint: this is where quiz and exam problems come from). Teaching someone else is the best way to study!

Use of cell phones

Use of cell phones is prohibited during class time if I find such use disruptive to the class. During an exam, your cell phone should be stored securely in such a way that it cannot be seen or used. The visible presence of such a device during an exam may result in a zero for the exam and is considered de facto evidence of cheating. If a student has an emergency need to keep his/her cell phone active, he/she should speak with me about that need before class begins.

Collaboration & Plagiarism

On homework it is acceptable to receive tutoring. Students are also encouraged to discuss the problems with other students. However, anything students submit for grading must be in their own words, with their understanding of the material.

On exams or quizzes, all the work students turn in must be their own, without any aid from anyone else. Giving or receiving aid on in-class quizzes and exams will be considered plagiarism ("cheating.")

In this class, the penalties for cheating will include at least a zero grade on the submitted material and most likely a failing (F) grade in the course with a referral to a disciplinary committee.

Determination of semester grades

$A \geq 89.5\%$

$79.5\% \leq B < 89.5\%$

$70\% \leq C < 79.5\%$

$64\% \leq D < 70\%$

$F < 64\%$

Further guidelines for classroom conduct (including absences on religious holy days) are available at <http://www.shsu.edu/academics/syllabus-guidelines/>.

Disabled Student Policy: <http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>