

Plane	Trigonometry	-	MATH	1316.08	-	Fall	2017
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COURSE SYLLABUS

CRN: 84370
Time: 16:30 - 17:50 Monday & Wednesday
Place: LDB 400
Instructor: Sanduni Shamila Leelaratne

Instructor Contact Information

Email: ss1012@shsu.edu
Office: Lee Drain Building, Room 408
Office Hours: Monday 10:00 to 11:00 & 14:00-15:00, WF 11:00 to 12:00.

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.

Course Objectives: Students completing this course should have mastery of the following major concepts. Other techniques and ideas will also be covered: All trigonometric functions, their graphs and inverses; solving triangles; proving identities; and vectors.

Required Textbook: *Trigonometry (7th Edition)* by McKeague and Turner. Brooks/Cole

Required Supplies: A graphing calculator - TI-83 or TI-84 recommended. Calculators with Computer Algebra Systems such as TI-89 will not be allowed.

Attendance (10 %): Attendance for this course is mandatory. **Every undocumented/unapproved absence will lower your attendance grade by one point.** If class must be missed, the student is expected to get the notes from a classmate, and to check Blackboard for any announcements. For all documented and university-approved absences (e.g. hospitalization, court appearances, university athletic conferences, etc...) students must immediately contact and inform the instructor of the situation and present proper documentation upon re-entering the classroom. Students are expected to arrive to class on time. **Attendance will not be recorded for anyone arriving after 10 minutes.**

Homework (20 %): Homework will be assigned daily and collected weekly. Assignments can be found online on Blackboard. I expect and encourage you to work collaboratively on homework, but then **to write up your own final homework paper all by yourself based on what you have learned. Thus your homework papers should not read like anyone else's since it should always be your own thoughts in your own words. You must also always acknowledge any collaborations. You are not allowed to search the internet for answers to your questions. Failure to follow these guidelines will significantly affect your grade.** I always expect to receive your homework when due, unless there are extenuating circumstances you discuss with me; speak with me if your homework must be late for a special reason. You should always hand in your homework when due even if it is incomplete. Late homework will receive only partial or no credit.

Quizzes (30 %): Every **Wednesday** there will be a quiz consisting mostly on the topics covered on the previous week. There may also be a few questions from earlier topics. No make-ups are allowed under any circumstances. However, the quiz with the lowest grade will be dropped. The problems will be graded using the following scale: 2 points for a well written correct solution

with complete justification, 1 point for a mostly correct solution, or correct but sloppily written solution, and 0 points for everything else (including correct solutions without justification).

Exams (40 %): There will be a midterm (tentatively scheduled on October 16) and a final exam (scheduled during finals week). Each exam is worth 20%.

The final exam schedule will be posted in the website <http://www.shsu.edu/dept/registrar/calendars/final-exam-schedules.html>. Any changes to this schedule will be announced in class and posted on Blackboard. There will be no makeup exams, except for official University-sponsored activities. The course grade will be assigned via the following scale.

Percentage earned	Grade
90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

Academic Dishonesty: Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. See Student Syllabus Guidelines.

Classroom Rules of Conduct: Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.

Use of Telephones and Text Messagers: The use by students of electronic devices that perform the function of a telephone or text messenger during class-time are prohibited except with prior approval from the instructor for emergency use. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered de facto evidence of cheating and could result in a charge of academic dishonesty. Failure to comply with this policy could result in expulsion from the classroom or with multiple offenses, failure of the course.

Visitors in the Classroom: Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

Student Absences on Religious Holy Days Policy: Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. See Student Syllabus Guidelines.

Disabled Student Policy: It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect his/her academic performance should contact the Office of Services for Students with Disabilities located in the SHSU Lee Drain Building Annex (telephone 936-294-3512, TDD 936-294-3786) to request accommodations. They should then make arrangements with their individual instructors

so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see: <http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>.

For more information on these policies, please visit the site

<http://www.shsu.edu/dept/academic-affairs/aps/aps-students.html>