

Course Syllabus  
Math 163  
Plane Trigonometry  
3 Credits  
Spring, 2008

- **Class meeting information:**

Class meets in 205 LDB, Monday, Wednesday and Friday from 10:00 - 10:50

- **Instructor:** Darrel Silva

**Office:** 429 LDB

**Office Phone:** 936-294-1878

**cell phone:** 832-247-6001

- **Office Hours:**

Monday 7:45 - 8:45

Tuesday 10:30 - 11:30

Thursday 10:30 - 11:30 and, of course, by appointment.

- **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. Students taking Math 142 must have completed Math 163 or the high school equivalent.

Each class will be primarily lecture-oriented.

- **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
- vectors
- complex numbers
- polar coordinates

- **Required Textbook:**

*Trigonometry, 5<sup>th</sup> Ed.*, by McKeague and Turner, ISBN: 0534403921.

- **Optional Supplement:**

*Student Solution Manual*, ISBN: 0534403956.

- **Required Supplies:** A graphing calculator - TI-83 Plus or TI-84 recommended. Calculators with Computer Algebra Systems such as TI-89 will not be allowed. If you have questions about your calculator, please see me. Sharing calculators for quizzes or tests is not permitted. Use of cell phones and similar devices for quizzes or tests is not permitted.

- **Attendance Policy:** Students are expected to attend every class. If class must be missed, the student is expected to get the notes from a classmate.

Students are expected to arrive to class on time. If a student is perpetually late, they will be asked not to attend class unless they arrive on time. If tardiness becomes a problem for the class as a whole, people who arrive late will not be permitted to enter the class. If this stricter policy becomes necessary, there will be an announcement made in class.

- **Assignments:**

1. **Homework:** Homework may be assigned in class each day. Homework will generally not be collected, but students are encouraged to check their work with the solutions manual.

It is your responsibility to ask questions about homework problems which you were not able to complete or did not understand. It is your responsibility to come to office hours, or otherwise contact someone for help. You may contact me via e-mail if you cannot make it to office hours, and I will try to answer questions as clearly as I can via e-mail. It is also your responsibility to do as many problems from each section as you need to in order to feel comfortable with the material.

2. **Quizzes:** There will be frequent short quizzes, consisting of questions from the homework or the previous day's lecture.
3. **Participation:** Participation in student work on the board will count toward the final grade.

- **Exams:** There will be three exams during the semester and a final exam. They are tentatively scheduled to occur on:

First Exam: Wednesday, 13 February, 10 a.m.	Midterm Exam: Friday, 7 March, 10 a.m.
Third Exam: Wednesday, 16 April, 10 a.m.	Final Exam: Monday, 12 May, 11 a.m.

Any changes to this schedule will be announced in class. There will be no makeup exams, except for official University-sponsored activities.

- **Grading Plan:** The course grade is based on:

Attendance	3%
Quizzes/Participation	20%
First Exam	20%
Midterm Exam	20%
Third Exam	20%
Final Exam	20%

The course grade will be assigned via a standard 10-point scale. There is no additional curve in this class, and no extra credit, so keep up as the semester progresses.

Last day to drop the course with full refund: Friday, 1 February

Last class day for MWF classes: Wednesday, 7 May

8 May is the last day for Resignations

Holidays: 21 January, 10-14 March, 21 March

- **Academic Dishonesty:** All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.
- **Classroom Rules of Conduct:** Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Cellular telephones and pagers must be turned off before class begins. Students are prohibited from using tobacco products in class, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.
- **Visitors in the Classroom:** Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

- **Student Absences on Religious Holy Days Policy**

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable time frame in which the missed assignments and/or examinations are to be completed.

- **Disabled Student Policy**

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 Counseling Center 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 Counseling Center.

- **Additional Information** *All information on this syllabus is subject to change.* Any changes will be announced in class.