



# TEXARKANA COLLEGE

**Syllabus:** Trigonometry

**Course Number:** MATH 1316

**Semester & Year:** Fall 2013

**Instructor Information**

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Office Hours:

Mon	Tues	Wed	Thurs	Fri
9:00 – 9:30 11:00 – 12:00	9:00 – 9:30 11:00 – 12:00 2:00 – 3:30	9:00 – 9:30 11:00 – 12:00	9:00 – 9:30 11:00 – 12:00 2:00 – 2:30	9:00 – 11:00

**Textbook Information**

*Trigonometry* 9<sup>th</sup> Edition by Lial, Hornsby and Schneider, ISBN-13: 978-0-321-52885-8

MyMathLab (MML) by Pearson (this is an access code that can be purchased in the TC bookstore or online through the MyMathLab website)

\*Textbooks purchased from the TC bookstore are packaged with a MyMathLab access code. If you purchase your book from another source you will need to purchase and access code separately.

A Graphing Calculator (preferably a TI-84)

Trigonometry Practice Final Exam (available in the TC bookstore)

**Student Learning Outcomes for the Course**

Upon successful completion of this course, students will:

1. Compute the values of trigonometric function for key angles in all quadrants of the unit circle measured in both degrees and radians.
2. Graph trigonometric functions and their transformations.
3. Prove trigonometric identities.
4. Solve trigonometric equations.
5. Solve right and oblique triangles.
6. Use the concepts of trigonometry to solve applications.

**Student Requirements for Completion of the Course and Due Dates**

Homework assignments are to be completed using MyMathLab (MML). You will receive full credit for assignments turned in on or before the due date (due dates are listed on MyMathLab).

Tests – There will be a total of 6 chapter tests as follows:

- Test 1: Chapter 1
- Test 2: Chapters 2 & 7.1-7.3
- Test 3: Chapter 3
- Test 4: Chapter 4
- Test 5: Chapter 5
- Test 6: Chapter 6

Final Exam – There will be a multiple choice comprehensive final exam. You will need to bring your own scantron to the final exam. Practice final exams are available for purchase in the bookstore.

**Student Assessment**

You have opportunity to earn points in the following 3 areas. Your final grade will be determined by the corresponding percentages.

- (1) Homework                                      20%    (Lowest 3 scores dropped)
- (2) Chapter Tests                                      60%
- (3) Final Exam                                      20%

**Grading Scale**

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

**Class Schedule**

See attached schedule.

**Absentee Policy**

Texarkana College’s absentee policy allows instructors to withdraw a student from a course due to excessive absences. If a student leaves and returns during class or leaves the class before the class is over, he/she **may** be considered absent. Three tardies constitute one absence. You may be counted tardy for arriving late or leaving early. Students are expected to attend each meeting of their registered courses.

A student should not stop attending a class without formally withdrawing from the course by the institutions published Last Day for Students to Drop. If a student stops attending class after the published Last Day for Students to Drop, the student **may** receive a grade of “F” in the class. The instructor will submit the last date of attendance for students receiving a grade of “F” or “W”.

Withdrawal from a course(s) **may** affect a student’s current or future financial aid eligibility. Students should consult the Financial Aid Office to learn both short and long term consequences of a withdrawal.

### **EXCUSED ABSENCES**

A student’s absence due to school trips and/or school business will not be counted against a student’s allowable number of absences. Military duty and absences for Holy Days (FBD LEGAL) are covered in a separate section of the catalog and the student handbook. These are the only excused absences that are considered by Texarkana College. Responsibility for work missed for any absence is placed on the student. Instructors are required to allow students to make up work missed if the absence is due to military duty or religious holy days when students follow the correct notification procedures. Instructors are not required to allow students to make up work for absences due to other reasons.

### **MAXIMUM ALLOWABLE ABSENCES**

After official registration, the following number of unexcused absences will be the maximum allowable before a student **may** be dropped from the class. For Academic classes that meet twice a week, an instructor may withdraw a student from a course if they exceed 4 absences.

### **Make-up Policy**

Absences for which you may make up missed tests include military duty, religious holidays, a death in the family, a documented medical emergency, or school functions provided that you follow the correct notification procedure. If you miss an exam, contact the instructor before the next class in order to schedule a make-up exam. The make-up exam must be completed in a timely manner. Make up tests may be a different form of the test.

There is a 10 day window after the due date in which to complete each homework assignment (except for the last ones). Scores are automatically reduced 10% per day beyond the due date. ALL work is due by the last regular class day.

### **Academic Integrity Statement**

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an “F”.

This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at <https://texarkanacollege.edu>.

**Disability Act Statement:**

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Larry Andrews at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance.

If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. *It is best to request these changes at the beginning if not before the start of class* so there is ample time to make the accommodations.

**Financial Aid:**

**Attention!** Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.

**Cell Phones:**

Please turn cell phones on silent during class (not vibrate). If your cell phone becomes a distraction for others, you may be asked to leave and counted absent for the day.

**Course Correspondence:**

Any course correspondence will be through TC student email. It is the student's responsibility to check his/ her TC email regularly for any information relating to the course.