

# TEXARKANA COLLEGE

**Syllabus:** Trigonometry

**Course Number:** MATH 1316

**Semester & Year:** Fall 2015

**Instructor Information**

Name: Kalie Schirmer

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Office Hours:

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

**Textbook Information**

- MyMathLab (MML) by Pearson (this is an access code that can be purchased in the TC bookstore or online through the MyMathLab website)
- *OPTIONAL Textbook: Trigonometry* 10<sup>th</sup> Edition by Lial, Hornsby, Schneider and Daniels, ISBN-13: 978-0-321-67177-6
- Trigonometry Practice Final Exam (available in the TC bookstore)
- A Graphing Calculator (preferably a TI-84). \*TI – 89 and TI- Nspire are not allowed.

**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**

1. Homework assignments are to be completed using MyMathLab (MML). You will receive credit for assignments turned in on or before the due date (due dates are listed on MyMathLab). At the end of the semester your lowest 3 homework grades will be dropped and will not count towards your homework average.
2. 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
3. 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.

Homework	20%	(Lowest 3 scores dropped)
Chapter Tests	60%	(no test grades will be dropped)
Final Exam	20%	

### Grading Scale

Assignment of a letter grade will be made according to the following scale.

<b>A</b>	90-100	<b>B</b>	80-89	<b>C</b>	70-79	<b>D</b>	60-69	<b>F</b>	59-below
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**Class Schedule:** See MyMathLab for assignment due dates. A list of material to be covered is attached.

### 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 or tardy. Three tardies constitute one absence. 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.

### MAXIMUM ALLOWABLE ABSENCES

The maximum allowable absences refers to the maximum number of unexcused absences a student is allowed before a student may be dropped from the course. After official registration for a three hour academic class that meets two days a week, the instructor may withdraw a student from the course if they exceed 4 absences. This means you may be dropped from the course for having 5 recorded absences.

### EXCUSED ABSENCES

The only absences that are considered excused and will not be counted against a student's allowable number of absences are absences due to school trips and/or school business or absences for military duty and Holy Days (FBD LEGAL), which 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.

### Make-up Policy

Students may make up missed tests if the absence is due to military duty or religious holy days when students notify the instructor prior to being absent. Students may also make up tests due to an emergency (documentation may be required). In the event of an emergency, the student must contact the instructor prior to the test. The instructor has the final say whether or not a student will be allowed to make up the missed test. Make up tests may be a different form of the test. Any missed test will be recorded as a zero. Students may have the homework due date extended for excused absences (See excused absences above).

You will not receive credit for homework assignments after the due date has passed. At the end of the semester your lowest 3 homework grades will be dropped and will not count towards your homework average.

### **Tutoring and Extra Help**

Texarkana College also offers free tutoring to all students, including online students, in the Math Lab located on the second floor of the Library. In order to use the tutoring available in the Math Lab, simply bring your Student ID with you to the library, go upstairs to the area labeled Math Lab and use your ID to sign in (on the designated sign-in computer), then work on any math work at the computers or tables in the Math Lab area.

Math Lab hours of operation for this semester are:

Mon- Thurs	8:00 am – 7:00 pm
Fri	8:00 am – 4:00 pm
Sun	2:00 pm – 9:00 pm

### **Class Behavior**

There will be a zero tolerance policy for any behavior that is a disruption to classroom learning. This includes ANY use of vulgar language or rude behavior toward instructor or any other student in the class. This also includes disruptive cell phone usage during class! Please be considerate of others who are trying to learn by using your cell phone appropriately during class time.

### **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.

### **Course Correspondence:**

Course correspondence will be through TC student email, MyMathLab, or the email you provide when you sign up for MyMathLab. It is the student's responsibility to check his/ her email and MyMathLab regularly for any information relating to the course.

\*The instructor reserves the right to amend the syllabus at any time