



**Syllabus:** Mathematics for Teachers II

**Course Number:** MATH 1351.01

**Semester & Year:**

**Instructor Information**

Name: Jamie Ashby

Office: BCT Office #30

Telephone: (903) 823-3319

E-mail: jamie.ashby@texarkanacollege.edu

Office Hours: TBA

**Textbook/Supply Information**

*Text/Package TBA; calculator (TI-84 family or TI-30XA)*

**Student Learning Outcomes for the Course**

Upon successful completion of this course, students will:

1. Apply fundamental terms of geometry such as points, lines, and planes to describe two and three dimensional figures.
2. Make and test conjectures about figures and geometric relationships.
3. Use a variety of methods to identify and justify congruency and similarity of geometric objects.
4. Perform geometric transformations.
5. Demonstrate fundamental probability techniques and apply those techniques to solve problems.
6. Explain the use of data collection and statistics as tools to reach reasonable conclusions.
7. Recognize, examine, and utilize the basic principles of describing and presenting data.
8. Perform measurement processes and explain the concept of a unit of measurement.
9. Develop and use formulas for the perimeter, area, and volume for a variety of figures.

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

1. **Homework** – There will be homework, journal, and other types of assessment for this course and the student learning outcomes.
2. **Tests** – There will be 5 to 6 major exams. The majority of tests will be assigned for completion outside of regularly scheduled class meetings in the TC Testing Center located in the Palmer Library (details provided in the tentative course schedule). Check with the Testing Center for current hours of operation.

Mastery indicated by a grade of 70 or higher is required on each unit test to receive credit for the course. Because a teacher must be competent in all of the topics to be taught, each student must master each major content area with a grade of 70 or above on the exams. Any unit test score lower than 70 will require a re-take of that unit test. *Limit: 2 test attempts per unit.* Anyone may retake an exam to attempt to raise their grade. Once mastery has been achieved the actual grade recorded will be the average of the two test scores. If at any time a student does not achieve mastery for a unit after two test attempts, then the student has two options: 1) drop from the course or 2) continue with the course but receive a grade of F.

Tentative test dates provided in the course schedule. Some formulas provided by instructor on tests. The Testing Center policy on cheating states that any student caught cheating in the testing center will be dropped from the course with an F. This policy will be strictly adhered to - NO EXCEPTIONS.

3. **Final Exam** – The final exam will be the last major unit exam (not comprehensive). The same mastery requirements as explained in part 2 above apply to the final exam. If a student requires a retake of the final exam, then the student will need to sign an Incomplete Grade Contract and then complete the retake during a timeframe stated in the contract.

## Student Assessment

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

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|---------------------------------|-----|
| (1) Participation/Journals      | 10% |
| (2) Chapter Tests/Presentations | 75% |
| (3) Final Exam                  | 15% |

Final Grade =  $0.10 \times \text{participation/journal average} + 0.75 \times \text{chapter test/presentation average} + 0.15 \times \text{final exam}$

## 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 Tentative Course 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 may be counted as one absence. Experience demonstrates that regular attendance enhances academic success. As such, 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

An absence is defined as any time you are not in class. 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

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 credit 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.

## 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. Faculty members are not obligated to provide opportunities for students to make-up missed assignments and tests as a result of a student's absence from class. It is the student's responsibility to communicate with the instructor regarding absences and missed course work. 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.

### **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. Check with the Math Lab for current hours of operation.

**Class Behavior:** Each student must respect the learning environment of others, therefore, there will be a zero tolerance policy for any behavior that is disruptive 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.

### **Course Correspondence:**

Course correspondence will be through TC student email and/or the email you provide on your student information sheet or through REMIND. Grades and attendance will be posted on MyTC. It is the student's responsibility to check his/ her email, REMIND, and MyTC regularly for any information relating to the course.

### **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 Tonja Blase at 903.823.3349, or go by her office in the Library 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.

\*The instructor reserves the right to amend the syllabus as needed anytime during the semester.