



**Syllabus:** College Algebra

**Course Number:** MATH 1314

**Instructor Information**

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**Textbook Information:**

“College Algebra: Building Skills and Modeling Situations” by McKeague, Yoshiwara, Burzynski, XYZ Textbooks. OR

“College Algebra An Early Functions Approach”, 2nd edition, by Blitzer

A Graphing Calculator is recommended for this course, preferably Texas Instrument.

**Student Learning Outcomes for the Course**

Upon successful completion of this course, students will be able to:

1. Demonstrate understanding and knowledge of properties of functions, which include domain, range, operations, compositions, and inverses.
2. Recognize and apply polynomial, rational, radical, exponential, and logarithmic functions and solve related equations.
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomials and rational functions.
5. Recognize, solve, and apply systems of linear equations using matrices.

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

**Major Tests**— will be taken at the end of each assigned chapter. All tests will be taken in class on the dates listed. Test will be multiple choice. A review will be provided at the end of each chapter. There will be a total of 6 tests.

Test 1: Chapter 2, Sections 1 - 6	OR	Chapter 1 Part 1, Sections 1 - 5
Test 2: Chapter 3, Sections 1 - 5	OR	Chapter 1 Part 2, Sections 6 - 9
Test 3: Chapter 4, Sections 1 - 4	OR	Chapter 2, Sections 1 - 6
Test 4: Chapter 5, Sections 1 - 6	OR	Chapter 3, Sections 1 - 7
Test 5: Chapter 6, Sections 1 - 6	OR	Chapter 4, Sections 1 - 5
Test 6: Chapter 7, Sections 1 - 6	OR	Chapter 6, Sections 1, 2, 5

**Final Exam**—will be given in the classroom on the last night of the semester. The final exam will be multiple choice. A practice final exam will be provided.

**Student Assessment**

Major Tests 75%

Final Exam 25%

Grading Scale

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

**Absentee Policy**

Attendance in a MATH course is extremely important! Every student is allowed 3 absences. Three tardies will count as one absence. Arriving late (after roll has been checked), leaving early (before the class is dismissed), or repeated departures (bathroom, cell phone, etc.) from the classroom will be counted as either a tardy or an absence as determined by the instructor. Student may be dropped from the class for excessive absences (4).

**Make-up Policy**

It is important that students attend every math class, therefore there will not be any makeup opportunities given for tests. However: if a student misses one major exam, the student's final exam score will be substituted for the missing grade.

**Classroom Behavior**

Each student must respect the learning environment of others. There will be a zero-tolerance policy for any behavior that is disruptive to classroom learning. This includes the use of vulgar language or rude behavior toward the instructor or any other student in the class as well as cell phone usage during class time. All phones are to be in silent mode, not on vibrate. Any use of the cell phone during scheduled class times

must be cleared with the instructor prior to the class. Students who disrupt class will receive a warning and/or be asked to leave the class.

### **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 can 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:**

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

I have read, understand, and agree to abide by the course policies and requirements as outlined in the syllabus. I am aware of and understand that the instructor reserves the right to modify the content of this course without prior written notification.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_