



Syllabus: College Algebra-Dual Credit

Course Number: MATH 1314

Semester & Year: Fall 2024

Instructor Information

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Textbook/Supply Information

MyMathLab **standalone** access card w/e-Text for Lial's *College Algebra with Integrated Review, 13th edition*. (18 week access) **ISBN-9780135821992**

(There is also a 24-month access available that you can purchase online-it costs more)

This access code can be purchased in the TC bookstore (ask for it at the front counter) or online through the MyMathLab website. See welcome letter for details on enrolling in MyMathLab through Moodle.

****Textbook is NOT required, only MyMathLab is required****

A calculator-A TI-84 or TI-83 is preferred but any calculator that has exponent and square root capabilities will be sufficient.

Student Learning Outcomes for the Course

Upon successful completion of this course, student will:

1. Demonstrate understanding and knowledge of properties of functions, which include domain and 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 polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.

Student Requirements for Completion of the Course and Due Dates

Homework: Homework assignments are to be completed using MyMathLab (MML). You will receive full credit for assignments turned in by the due date @ 11:59pm. Assignments after the due date will be recorded as a zero. At the end of the semester your lowest 5 homework grades will be dropped and will not count towards your homework average.

Tests – All unit tests will be taken online through MyMathLab in a proctored environment. In other words, you will take all exams in the classroom. Tests are password protected meaning you can only access them at school. Each test is designed to be completed in a single class period, but tests can be split into two parts with the ‘Save for Later’ option. However, any question previously viewed will be unavailable when you return to complete the exam.

There will be a total of five tests as follows:

Unit 1: Sections 1.1, 1.2, 1.7, 1.8, 2.3, 2.4, 2.5

Unit 2: Sections 1.3, 1.4, 1.5, 1.6, 1.7

Unit 3: Sections 2.6, 2.7, 2.8

Unit 4: Sections 3.1, 3.2, 3.3, 3.4, 3.5, 3.6

Unit 5: Sections 4.1, 4.2, 4.3, 4.4, 4.5

A sixth unit-- Sections 5.1, 5.2 -- will be covered. You will not have a unit test over these two sections, but this material will be included on the final exam.

NOTE: I will replace your lowest test score with your final exam grade if it improves your final average.

Final Exam: A comprehensive final exam will be administered on the last day of the semester. The final exam must be taken by **Monday December 9**. It will be a 40-question multiple choice exam and will also be timed.

*NOTE: Calculators are allowed on all work.

Student Assessment

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

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|-------------------|-----|
| (1) Homework | 15% |
| (2) Chapter Tests | 60% |
| (3) Final Exam | 25% |

Final Grade = $0.15 \times \text{homework average} + 0.60 \times \text{chapter test average} + 0.25 \times \text{final exam average}$

Grading Scale

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

See the tentative course schedule and your course on MyTC and MML for due dates.

	Assignment
WEEK 1	How to use MML / Sections 1.1, 1.2
WEEK 2	Sections 1.7, 1.8
WEEK 3	Sections 2.3, 2.4, 2.5
WEEK 4	Review/Unit 1 Test
	Section 1.3, 1.4
WEEK 5	Sections 1.5, 1.6, 1.7
WEEK 6	Review/Unit 2 Test
	Section 2.6
WEEK 7	Sections 2.7, 2.8

WEEK 8	Review/Unit 3 Test
	Sections 3.1, 3.2
WEEK 9	Sections 3.3,3.4,3.5
WEEK 10	Review/Unit 4 Test
	Section 4.1
WEEK 11	Sections 4.2, 4.3
WEEK 12	Sections 4.4, 4.5
WEEK 13	Review/Unit 5 Test
	Sections 5.1, 5.2
Thanksgiving Break	
WEEK 14	Unit 6 Review
	Exam Review/Final Exam

Important Class Information READ THIS!!!!

Homework assignments must be completed by the due date @ 11:59pm of each week they are assigned for credit. Assignments turned in after the due date will be recorded as a zero. Students have **unlimited** attempts to complete each assignment before each due date. After 3 attempts, select “similar exercise” for a new question. You can keep doing this as long as you would like until the due date, or the desired grade is achieved.

You may take a unit test as soon as you see it posted in MML. You do not have to wait until the due date to take your test. Tests are located under Assignments in MML and listed as tests. Reviews/Practice Tests for each test can be also found in “Assignments” in MML and listed as a quiz. Reviews are for practice only and don’t affect your grade but are HIGHLY recommended. Whatever is on the Review/Practice Test is on the actual TEST.

***All due dates are final so please don’t ask for extra time. It is your responsibility to make sure your work is completed, and tests are taken by the due date.**

The links you will need to use for this course on your MML dashboard are “Course Home”, “Assignments”, “Notes and Important Information”, “PowerPoint Lectures”, and “Gradebook”. All other items on MML are optional for you to use but use all of it that you need to be successful.

Calculators will be allowed on any course work. A TI-84 or TI-83 is HIGHLY recommended.

Correspondence from the instructor may be given through the student’s Texarkana College email account. Please check your email regularly for updates and announcements. Announcements may also be posted on MML and sent to the email account you register with MyMathLab so make sure you are able to access your email.

A student may be **dropped** from this course for any of the following reasons:

- (1) Missing **3** major tests
- (2) Missing **3** or more weeks of homework
- (3) Any breach of conduct (see Student Handbook)

Cheating is prohibited. Anyone caught cheating on an assignment or test will have earned an ' F' for the semester OR you may be dropped from the course.

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.

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. The institution is required to take attendance with the exception of workforce/vocational areas, where certification requirements require taking attendance. However, 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.

Online/Hybrid Course Absences

Absence in an **online course** is defined as the lack of an active post or submission within the course including discussion board posts, written assignments, and tests. This standard will be used to determine all absentee issues, including but not limited to, 12th Day Census Reports, last date of attendance, and involuntary withdrawal from a course due to absences. All online students must complete an Enrollment Verification activity within the first week of class (enroll in MyMathLab and complete at least one homework assignment); otherwise, the professor **may** drop the student for not having attended. Students must complete at least one activity in their online class per week. Each week in which a student does not complete an activity will be counted as an absence. (Homework assignments completed late, do not count towards attendance.)

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.

**Students interested in Health Occupations should check with the division chair prior to entering the program.*

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 a three hour Online Academic class, an instructor may withdraw a student from a course if they exceed 2 absences.

Make-up Policy

There will be **no** make-up exams for major tests. Any test missed will be recorded as a zero. Any student missing 3 major tests may be dropped from the course. Students may have the homework due date extended for excused absences (See excused absences above). I will replace your lowest test score with your final exam grade if it improves your final average.

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>.

Academic Integrity and Use of AI Tools Policy

As members of the academic community, you are expected to uphold the highest standards of integrity. The advent of artificial intelligence (AI) tools offers new opportunities and challenges in our pursuit of knowledge and academic growth. To maintain fairness and integrity in our academic work, the following guidelines are established for the use of AI in this course:

Acceptable Use of AI Tools

1. Research Assistance: AI tools may be used for preliminary research and to assist in locating academic sources. Proper citations must be provided for any materials found via AI tools.
2. Skill Development: AI may be employed for skill development in areas such as coding, languages, and mathematical problem-solving. Use these tools responsibly to enhance your understanding rather than replace your learning efforts.

Prohibited Use of AI Tools

1. Assignments and Examinations: AI tools must not be used to generate content or answers for assignments, projects, quizzes, or exams. Submitting AI-generated work as your own is considered academic dishonesty.
2. Paraphrasing and Translation: Using AI to paraphrase text or translate assignments is not permissible if it disguises the source material without proper acknowledgment. All work submitted should be in your own words and reflect your own understanding.

Disclosure and Citation

1. Acknowledgment: If any AI tools are used to aid in your learning process (e.g., for brainstorming or editing), their use must be disclosed in a brief statement in your submission.
2. Citation: All AI-assisted content must be properly cited according to the appropriate academic style guide mentioned in this syllabus.

Consequences of Misuse

Violating this policy will result in disciplinary actions consistent with the College's Academic Integrity Policy, which may include failing the assignment, failing the course, or further disciplinary measures.

Disability Act Statement:

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Tonja Blasé at 903.823.3349, 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 accommodation, please present it to me so we can discuss the accommodation 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 arrange 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 deciding.

Free Tutoring @ Texarkana College:

<https://texarkanacollege.libcal.com/>

Computer Requirement Policy:

Students are required to have a computer with Internet access for classes. The computer must be an actual computer – smart phones, iPads, Androids, Chromebooks, etc., are not acceptable substitutes because they lack software compatibility necessary to complete all assignments and tests. Financial costs for the necessary equipment and internet access are the responsibility of the student.

Students needing to purchase a computer may do so through the Texarkana College Bookstore. Systems purchased through the bookstore meet or exceed all requirements, are competitively priced, and may be purchased using financial aid funds. If the system is purchased through another source, it is the student's responsibility to ensure the system meets all requirements.

Computer systems requirements:

- Webcam, microphone, and speakers or headphones
- Windows 10 or a recent version of Mac OS (minimum Sierra). Windows 10 S mode is not supported
- Hardware capable of running Microsoft Teams (free download) and supports multi-media playback
- Support for Chrome or Microsoft Edge – Note: Firefox, Safari, or other browsers may not work on all TC applications
- Able to run Microsoft Office which will be provided free to TC students
- Adobe Reader or another PDF viewer
- Antivirus software such as Windows Defender or another 3rd party anti-virus solution
- The Respondus Lockdown browser may be used for taking tests; therefore, the system must be capable of running this software. Most newer systems that meet other specifications should work.
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Students should regularly backup content to prevent loss of coursework due to hardware failure. Backup copies of documents and other coursework may be placed on OneDrive cloud storage. OneDrive is included free of charge for all TC students.

A list of Internet service providers can be found on the TC website at:

<https://www.texarkanacollege.edu/coronavirus/>.

Alternate Operations during Campus Closure

In the event of an emergency or announced campus closure due to a natural disaster or pandemic, Texarkana College may need to move to altered operations and course delivery methods. During this time, Texarkana College may opt to continue delivery of instruction through methods that include, but are not limited to: online learning management system (Jenzabar or Moodle), online conferencing through TEAMS, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor Texarkana College's website (www.texarkanacollege.edu) for instructions about continuing courses remotely, instructor email notifications on the method of delivery and course-specific communication, and Texarkana College email notifications for important general information.

Online math classes can be very challenging, so I encourage you to work hard and don't wait until the last day to do your assignments. It is A LOT of work, but you can be successful!!

Any student who has difficulty affording groceries or accessing enough food to eat every day, or who lacks a safe and stable place to live and believes this may affect their performance in this course or ability to remain in school, is urged to contact Tonja Blasé, Director of Student Retention, at 903-823-3349 for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources that they may possess.

The instructor reserves the right to amend the syllabus and class schedule as needed.