East Texas A & M University

Syllabus: Math 1314.9EE – College Algebra Fall 2025 (Dual Credit Course)
Date: Aug. 25 to Dec. 12, 2025

INSTRUCTOR INFORMATION

Instructor: Jessica Rivera   **Office Location: Ed North 113A**
Office Hours: Tuesday & Thursday 9:30 am- 12:00 pm
University Email Address: Jessica.Rivera@etamu.edu
Office Phone: 903-886-5972
Preferred Form of Communication: Email
Communication Response Time: Within 24 hours M-F, 48 hours over weekends or holidays

COURSE INFORMATION

Material Required: **MathXL for School (online homework)** for College Algebra,8th Edition by Robert F. Blitzer is required. Please check with your school to see if MathXL online homework system is purchased by school together as a group or by student individually. If you need to purchase an access code on your own, you can go to https://mathxlforschool.com/support/marketing/getting-started-students/ and use the link of "Getting Started" for students. To access your online homework, please log on to https://mathxlforschool.com/ once you have purchased an access code.

Your instructor will provide you with a course ID to register for the online homework after MathXL access is purchased.

In addition, please get a Binder to keep and organize all notes and course materials. A Texas Instruments (TI-83 or TI-83 Plus) graphing calculator for this course is highly recommended. All exams must be completed in pencil. Please start your online homework on the first day of the course to prevent a loss of points for your grades.

Printed Textbook (Optional): The printed textbook, College Algebra, 8th Edition by Robert F. Blitzer **(**ISBN-13: 9780136922148) **is optional because the E-Text can be accessed through MathXL.** Portions of Chapters 1-8 in the textbook will be discussed.

Course Description
This course covers an in-depth study and applications of quadratics, polynomial, rational, exponential and logarithmic functions, and systems of equations. Additional topics such as arithmetic and geometric progressions; sequences and series; and matrices and determinants are included. In order to take this course, students must meet, or exceed the benchmark determined by the state for the TSI assessment or have one of various TSI exemptions, or be concurrently enrolled in MATH 131 in the co-requisite model.

Student Learning Outcomes: Upon completion of this course, students will be able to:
1) Demonstrate knowledge of properties of functions, which include domain and range, operations, compositions, and inverses.
2) Identify, interpret, and solve problems of various types of functions and their graphs, including but not limited to linear, quadratic, polynomial, rational, exponential, and logarithmic functions.
3) Apply graphing techniques for various functions.
4) Identify and develop basic sequences and series.
5) Solve systems of equations with various methods including elimination, substitution, Cramer's rule and matrices.

Core Objectives:

1. **Students will be able to analyze, evaluate, or solve problems when given a set of circumstances, data, texts, or art.** This common core objective will be assessed in the departmental projects or exams for all sections of Math 1314.
2. **In written, oral, and/or visual communication, students will communicate in a manner appropriate to audience and occasion, with an evident message and organizational structure.** This common core objective will be assessed using in-class discussions with common class activities/projects or exams for all sections of Math 1314.
3. **Students will be able to interpret, test and demonstrate principles revealed in empirical data and/or observable facts.** This common core objective will be assessed using in-class discussions with common class activities/projects, or exams for all sections of Math 1314.

COURSE REQUIREMENTS

Instruction: Instruction will be delivered in class and on D2L through lectures, demonstration and models, videos, and some group work, based on time available. <u>All turned-in work should be completed in pencil, please.</u>

Attendance & Continual Enrollment: Attendance will be taken at the beginning of each class. Logging into D2L and completing assignments will also be used to determine as part of your class participation. Students need to actively participate in class and/or online to receive credit. **Attendance and participation (in person and/or online) are must to be able to do well in this class**. It is expected that students will follow the guidelines set forth by the Class Attendance Policy in the current Undergraduate Catalogue.

If students represent an athletic team for this university, departmental team, scholastic team, choir, or other group and must miss class, notify me in writing with the appropriate documentation within one week of the absence to be counted as excused absence. Arrangements for make-up work will be made at that time.
*** All students should be aware that they are NOT allowed to drop this math course, and that they must be continually enrolled in a math course until they have successfully completed their college-level math course (University Policy). ***

Homework: Homework will be assigned every class period. The homework is a must for success in this class. *****Students are required to complete homework using MathXL online homework system. ***** Homework **is due a week after the day that is assigned (or before the exam day, whichever comes first). Please do not wait until the due date to complete your homework to avoid emergency situations or running into technical difficulties.** If a student experiences any technical difficulties with MathXL, be sure to use the online help and technical support from Pearson. If a student continues to have trouble accessing or navigating the software, please contact the instructor for some individual help.

Quizzes: Quizzes will be given periodically. Be sure to attend classes, so you don't miss the in-class quizzes. There may also be quizzes given on D2L. Please keep up with their due dates.

Class Activities/Projects: Application problems with class discussion over functions, sequences, logarithmic or exponential functions related to course materials will be assigned during the semester. Be sure to attend all classes to participate in the class activities with class discussion.

Exams: There are three scheduled exams and a required comprehensive final exam. ==**Face-to-Face testing is required. In general, students will take exams in class with the instructors.**== **Make-up exam may only be arranged if it is a documented excused absence. Make-up exams will be taken with the**

instructor or in an approved testing center. All make-up exams need to be taken before the graded exams are returned back to other students.

Partial credit <u>may</u> be given on exams IF all work is neatly shown for determination of the student's mistakes. While taking exams, **CELL PHONES AND OTHER ELECTRONIC DEVICES MUST BE TURNED OFF AND STORED OUT OF THE STUDENT'S REACH. The only electronic device allowed during tests and quizzes is a stand-alone calculator (such as a TI-34, TI-83, TI-84, etc.), and only with the instructor's permission. All exams must be completed in pencil; failure to complete your exam in pencil will result in a reduction of the grade earned by 5 points.**

No make-up exams will be given without prior notice of a university excused absence*. We realize that at times throughout the semester, emergency situations may arise that affect a student's performance on an exam or even prevent a student from attending on an exam day. **We can replace the lowest exam grade with the student's grade on the final exam, provided the final exam score is higher.** This provision will only be applied to **ONE** exam, so students should make every effort to be present and well-prepared for all exams.

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A Practice exam and answer key will be available prior to each exam.
Be sure to take advantage of this valuable resource!!

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* University Authorized Excuses: 1) Participation in a required/authorized university activity; 2) Verified illness; 3) Death in a student's immediate family; 4) Obligation of a student at legal proceedings in fulfilling responsibility as a citizen; and others determined by individual faculty to be excusable (e.g., elective University activities, etc.)

Test dates are tentative and are subject to change:
See Class Schedule on the last page for exam dates.

<u>Required Final Exam</u>: The F2F final exam will be a departmental comprehensive exam. It is scheduled during the final week (Dec. 8-11) and it is a Two-Hour Exam.

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Grading

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Daily		25%
Homework and Practice Questions for Exams on MyLab/MathXL	15%	
Attendance, Daily Work, Notes, Projects, & Surveys	5%	
Quizzes (6 or more quizzes during the semester)	5%	
Exams Average for 3 F2F Exams During Semester		**50%**
Required F2F Comprehensive Final Exam		**25%**
Total		**100%**

<u>**Grading Scale:**</u> **Grades will be assigned using the standard scale:**
    A = 90-100+   B = 80-89.9,   C = 70-79.9   D = 60-69.9   F = 59.9 or below

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TECHNOLOGY REQUIREMENTS

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Students need to **check their MyLeo e-mail regularly** for class announcements.

Access to a **computer,** the **internet, MyLeo, D2L,** and **MathXL** will be needed for online homework assignments and daily work.

A scanner or a cell phone with a free scan app (CamScanner or Adobe Scan is recommended) that allows you to scan work out steps to a scan pdf file is required.

Access to a printer will be helpful if you like to print out class handouts.

The **graphing calculator of TI 83/TI 84** or equivalent will be highly recommended. Calculators other than Texas Instruments calculators may be used but classroom instruction on calculators will be given for TI

equipment only. **Note: Calculators that solve problems for students, including but not limited to TI-Nspire, TI 89 or higher, Casio Prizm, Casio Touch or higher are **NOT** allowed to be used for this class. ** Students are also required to clear the memory of graphing calculators before and after each exam.

Calculator Loan Program: The Mathematics Department (Bin 305) has set up a calculator loan program to support students. Students can borrow a calculator for a semester with a fee ($10 to $15 for TI-83/84). It is on a first-come, first-served basis.

MyLeo Online Learning Management System (LMS):

D2L in MyLeo: All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements:
LMS Requirements:
https://community.brightspace.com/s/article/Brightspace-Platform-Requirements
LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Access and Navigation in MyLeo/D2L
MyLeo Support: You will need your campus-wide ID (CWID) and password to log into your course in D2L. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, Starbucks, a campus computer lab, etc.

Communication and Support: If you have any questions or are having difficulties with the course material, please contact your instructor.

Technical Support: If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:
https://community.brightspace.com/support/s/contactsupport

COMMUNICATION AND SUPPORT
Interaction with Instructor Statement: It is important that students are actively engaged in class activities. Questions are welcome in the classroom. Students can schedule with the instructor for extra help outside the classroom during office hours.

Getting Help Outside of Office Hours: Utilizing the **multimedia library and online help from the MathXL online homework system** is recommended as a valuable resource for students to improve their grades in this class. Also, the free tutoring on campus and online are also highly recommended.

Student Health Services are located at Henderson Hall (Corner of Lee St. and Monroe St.). It offers health care to the student body of East Texas A&M University. It provides primary health care services including treatment of illness, injury, and women's health. **Tel:** (903) 886-5853.

University Police Department is located at Henderson Hall. For Emergency, please call: 911
For Non-Emergency, please call: 903.886.5868

COURSE AND UNIVERSITY PROCEDURES/POLICIES
Getting Help Outside of Office Hours:
Free tutoring is available for students who need help with their math courses.

The **Math Skills Center** offers Math tutoring and their location and hours can be found here https://www.etamu.edu/mathematics/#tamuc-section-257661.

The **Academic Success Center** offers tutoring in the library, as well as Supplemental Instruction. Their hours can be found on the university web site. Also, each student has tutoring hours available through the online tutoring service, tutor.com. Additional details can be found here: https://www.etamu.edu/undergraduate-tutoring/.

Online Tutoring: Each student receives 3 free hours from https://leo.tutor.com/auth/login . **Use your MyLeo Log in and Password to access this.** You can contact the instructor if you need additional free tutoring hours.

In addition, **Mach III/TRIO Services,** located in the Halladay Student Services building, Room 300, is available to students who meet certain criteria, such as being a first-generation college student, etc. Contact TRIO at 903-886-5833.

Academic Integrity: In order to ensure fairness and high academic standards, any actions which violate the principles of academic integrity through dishonesty or cheating are given serious consideration. In order to understand what constitutes a violation of academic integrity and the consequences of such behavior, the university's policies may be reviewed at:
Undergraduate Academic Dishonesty 13.99.99.R0.03
Undergraduate Student Academic Dishonesty Form
In particular, awareness of the following definitions is essential in order to know what represents academic dishonesty (pages 6 – 7):
"**Cheating**: Intentionally using or attempting to use unauthorized materials, information, notes, study aids or other devices or materials in any academic exercise. Unauthorized materials may include anything or anyone that gives a student assistance and has not been specifically approved in advance by the instructor."
"**Complicity**: Intentionally or knowingly helping, or an attempting to help, another to commit an act of academic dishonesty."
"**Plagiarism**: The appropriation of another person's ideas, processes, results, or words without giving appropriate credit."

Furthermore, cheating in this course is defined as the following:
- Giving or receiving answers during an exam or quiz.
- Viewing the exam or quiz answers of nearby classmates.
- Having notes/practice work available during quizzes or tests.
- Possession or access to test items before the test is given.
- Deception in getting an excused absence to obtain the undeserved opportunity to make-up work.
- Use of cell phones or text messaging technology during exams or quizzes **(such as iPods, iWatch, etc.). IF ONE OF THESE DEVICES IS AVAILABLE, IN ANY WAY, DURING AN EXAM OR QUIZ, THE STUDENT WILL NOT BE ALLOWED TO PROCEED WITH THE EXAM OR QUIZ AND MAY BE SUBJECT TO PENALTIES ON THEIR GRADE.**
- Improper citations in written works or using another person's ideas and words as students own without giving proper credit.
- **Any** method, no matter how well rationalized or accepted, which improves a person's grade by any means other than study and skillful performances on exams and/or other assignments.

While the majority of students are honest in doing their schoolwork, due to recent cheating events, action must be taken to protect the academic integrity of classrooms. **There is a NO TOLERANCE policy for**

cheating, and if a student is caught cheating, the event is subject to reporting and placement on the student's academic record. No grade will be received for any assignments for which cheating occurs.

In summary, students found guilty of an act of academic dishonesty in this course will be subject to the disciplinary actions listed in the university policies. This includes several possible penalties depending on the severity and number of the incidents, which will be considered when specifying disciplinary actions.

Classroom Behavior: Appropriate classroom behavior is required to attend this class. All people will be treated with respect and talking that disrupting the class is not allowed. If disruptions occur during class time, a student will be asked to leave class and will earn a zero on any applicable grades for that class period. Serial disruptors will be asked to withdraw from this class.

Early Intervention for First Year Students: Early intervention for freshmen is designed to communicate the University's interest in their success and a willingness to participate fully to help students accomplish their academic objectives. Grades for students in freshmen level classes will be reported to the Registrar's Office at the end of the fifth week of class during the fall and spring semesters. The Registrar's Office will report grades to students, Advising Services, Academic Departments (faculty advisors) and mentors. This procedure will allow students to be knowledgeable about their academic progress early in the semester. The university, through Advising Services, faculty advisors and mentors, will take steps to assist students who may be experiencing difficulty focusing on improvement and course completion. Grade reports will be mailed by the end of the sixth week of the fall or spring semesters.

Student Conduct: *** "All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." (Student's Guide Handbook, Policies and Procedures, Conduct). Rude and/or disruptive behavior will not be tolerated. No electronic devices (except calculators) are allowed during class time. Cell phones, smart watches, and other electronic devices are to be put away during in-person class time and exams. *** The use of vapor/e-cigarettes, smokeless tobacco, snuff and chewing tobacco are prohibited inside classrooms and university buildings.

The Code of Student Conduct is described in detail in the Student Guidebook https://www.etamu.edu/student-code-of-conduct/ Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: https://www.britannica.com/topic/netiquette.

Attendance: For more information about the attendance policy please visit the Attendance webpage and Procedure 13.99.99.R0.01.   https://etamu.edu/admissions/registrar/generalInformation/attendance.aspx

ADA Statement, Students with Disabilities: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides reasonable accommodation of their disabilities. If students have a disability requiring an accommodation, please contact: Office of Student Disability Resources and Services, East Texas A&M University, Waters Library- Room 162, Phone (903) 886-5150 or (903) 886-5835, Fax (903) 468-8148, Email: StudentDisabilityServices@etamu.edu

Website: Student Disability Services | East Texas A&M University, ETAMU

Nondiscrimination Notice: This statement presents the University's commitment to a safe, accepting environment for all students regardless of sexual orientation, gender identification, or gender expression: ETAMU will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age,

genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement: Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and   Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to (https://etamu.edu/aboutus/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployees AndStudents/34.06.02.R1.pdf) and/or consult your event organizer). Pursuant to PC 46.035, the open carrying of handguns is prohibited on all ETAMU campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

East Texas A&M University Supports Students' Mental Health - Counseling Services The Counseling Center, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit https://www.etamu.edu/counseling-center/.

AI Use Policy East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course. Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism). Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed. In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.
13.99.99.R0.03 Undergraduate Academic Dishonesty
13.99.99.R0.10 Graduate Student Academic Dishonesty

Syllabus Change Policy:
The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

*** By Remaining Enrolled In This Course, All Students Agree to Abide By the Policies Of This Class, As Stated In The Syllabus ***

*** Course Outline is on the last page of this syllabus. ***

Mission for College of Science and Engineering: Innovation and Discovery
Mission for the Department of Mathematics: Discovering the Keys to Success

Dual Credit Math 1314 MWF Schedule (Fall 2025):

	Date	Events	STUDY:
M	8/25	Intro Syllabus, D2L, & MathXL. Review I Basic Math: Order of Operations, Solving Linear Equations & Inequalities, (When have time: Review Basic Exponent Rules, & Basic Factoring)	Review Basic Math I
W	8/27	Continue to Review Basic Math	Review Basic Math I
F	8/29	2.1	
M	9/1	Labor Day Holiday (No Class Meeting)	
W	9/3	2.2	
F	9/5	2.3	
M	9/8	2.4 & Quiz	Quiz
W	9/10	2.5	
F	9/12	2.6 & 2.7	
M	9/15	2.7	
W	9/17	Ch. 8 Sequences (Arithmetic and Geometric Sequences) & Quiz	Quiz
F	9/19	Review for exam 1	Study for Exam 1
M	9/22	EXAM 1	Study for Exam 1
W	9/24	Review II Factoring, Solving Quadratic Equations (Ch. 1.5), Simplify Rational Expressions (When have time: Review Basic Rules of Exponents, Basic Simplify Rational Expressions)	Review Basic Math II
F	9/26	3.1	
M	9/29	3.2	
W	10/1	3.2	
F	10/3	3.3 & Quiz	Quiz
M	10/6	3.4	
W	10/8	3.5	
F	10/10	3.5 & Quiz	Quiz
M	10/13	3.6	
W	10/15	Review for exam 2	Study for Exam 2
F	10/17	EXAM 2	Study for Exam 2
M	10/20	Review III Rules of Exponents & Simplify Rational Functions & 4.1	Review Basic Math III
W	10/22	4.1	
F	10/24	4.2	
M	10/27	4.3 & Quiz	Quiz
W	10/29	4.4	
F	10/31	4.4	
M	11/3	4.5	
W	11/5	Review for Ch. 4 and Long Quiz over whole Ch. 4	Quiz
F	11/7	5.1 (2x2)	
M	11/10	5.2 (3x3)	
W	11/12	6.5 (Cramer's Rule 2x2 & 3x3) & Quiz	Quiz
F	11/14	6.1 (Matrices 2x2 & 3X3)	
M	11/17	6.2 (Matrices 2x2 & 3X3)	
W	11/19	Review for exam 3	Study for Exam 3
F	11/21	EXAM 3	Study for Exam 3
M	11/24	Thanksgiving Holiday	
W	11/26	Thanksgiving Holiday	
F	11/28	Thanksgiving Holiday	
M	12/1	Review for final	Study for Final
W	12/3	Review for final	Study for Final
F	12/5	Review for final	Study for Final
M-F	12/8-12/11	FINAL EXAM	