Math 1314.610 College Algebra
Monday/Wednesday 5:20 pm – 6:55 pm Face-to-Face
Fall 2025 – Lubbock Downtown Center (LDTC) B031

Instructor: Ms. Rachel Fleenor
Email: rfleenor@southplainscollege.edu
Office: M102
Office Phone: 806-716-4321

Office Hours: MW – 4:20 pm – 5:20 pm (LDTC)
MTWR – 10:45 am – 11:45 am (LEV)
MW – 2:15 pm – 3:15 pm (LEV)
TR – 2:45 pm – 4:00 pm (LEV)
F – 9:30 am – 11:00 am (LEV)
(or by appointment)

Course Structure
- Face to Face
  - One to two topics covered each class
  - Practice Assignment for each topic
  - Quizzes will be given in class

Textbook
- No book is required for this section

Course Requirements/Materials
- Attend all classes
- Solid work ethic and character
- Positive Mindset

Recommended Materials
- Three-ring Binder to keep notes, practice assignments, and grades quizzes and exams organized
- Pencil and Color pencils/pens for note-taking/quizzes and exams
- Graphing Paper

Grading Policy (1314):
Participation (50 points – 2 each)
Quizzes (150 points – 10 each)
Exams (200 points – 50 each)
Final Exam (100 points)
Total points: 500

Grading Scale (1314):
450-500 points A
400-449 points B
350-399 points C
300-349 points D
< 300 points F

***Note: Students must justify answers or show work on all problems to receive full credit.

Class Rules:
- Be on time and ready to learn
- Use **only pencil** for all quizzes and exams
- Students are not permitted to use electronic devices in class
- During testing, all devices should be placed on SILENT or turned off and put at the front of the classroom
- Any student who leaves the classroom for any reason (bathroom, phone call, etc.) during an exam will **not** be allowed to continue the exam upon their return. Once you leave the classroom during an exam, your exam will be taken up and graded as is
- Adhere to the requirements of the Student Code of Conduct

Calculators
- No calculators will be allowed

Practice Assignments
- Practice Assignments are not collected for a grade, but are required to be successful
- Follow study-tips

Quizzes
- Taken in-class in the allotted time
- No materials allowed during quizzes
- Not allowed to be taken early or late (even in the case of an excused absence)
- Follow study-tips

Tests
- 4 midterm exams and 1 required final exam
- No materials will be allowed on ANY exam
- Exams cannot be taken early or late. You must take exams in the classroom at the assigned testing time. (Unless appropriate documentation is provided to allow you to take exams elsewhere)
- Complete in the allotted class time
- No exam grades will be dropped
- It is in your best interest to save ALL graded documents until your final grade is assigned at the end of the term
- **Reviews are not required to be turned in. However, if you turn in a review completed, you will receive extra credit points.**
- Follow study-tips

Final Exam
- The final exam is comprehensive
- Any student who does not take the final exam will fail the classes with F's regardless of the student's average
- No make-up final exam will be offered
- The final exam will be held on **Monday, December 8th** from **5:00 pm to 7:00 pm**

Make-up
- This section refers to any missed/un-attempted assignment (failed quizzes/exams cannot be made-up or corrected)
- Make-up work is given at the discretion of the instructor
- NO exams are given outside of the designated class day and time without prior notification AND proper documentation for the Absence/reason
- If you are absent from class, have given prior notification and proper documentation of your absence, you must make arrangements to take the exam BEFORE the original date.

Attendance Policy
- Students are expected to attend **at least** eighty percent (80%) of the total class meetings (24 classes) **and** submit **at least** eighty percent (80%) of the **total** class assignments to have the best chance of success.
- If the student fails to meet these minimum requirements, the instructor may remove the student from the class with an X, upon their discretion
- Unless given specific permission, students are expected to be in the class room and on time for class each class day

Academic Integrity
- Any student involved in cheating will receive a zero on the assignment(s) and will be informed of why he/she received a zero
- Student may be administratively dropped from the class and will receive an X or F

Email Policy: All students at South Plains College are assigned a standardized SPC e-mail account. Although personal email addresses will continue to be collected, the assigned SPC e-mail account will be used as the official channel of communication for South Plains College. The Student Correspondence Policy can be found at www.southplainscollege.edu. To access the SPC student e-mail account, log in to portal.office.com. (Copied from SPC Student Guide) Since all students have an assigned SPC email, the instructor will only acknowledge, respond, and send emails to your assigned SPC email. This ensures all correspondence from the instructor is received by the intended recipient

Blackboard: Blackboard is the online course management system that will be utilized for this course. This course is supplemented online, so all access to course information and your instructor is through the Internet. This course syllabus, as well as all course materials can be accessed through Blackboard. Login at https://southplainscollege.blackboard.com/. The user name and password should be the same as the MySPC and SPC email.

> User name: first initial, last name, and last 4 digits of the Student ID
> Password: Original CampusConnect Pin No. (found on SPC acceptance letter)

Questions regarding Blackboard support may be emailed to blackboard@southplainscollege.edu or by telephone to 806-716-2180

I will not respond to any messages sent on Blackboard. All communication should be done in person or through your SPC email.

SPC Tutors
Tutoring is FREE for all currently enrolled students. Make an appointment or drop-in for help at any SPC location or online! Visit the link below to learn more about how to book an appointment, view the tutoring schedule, and view tutoring locations.
http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php

For questions regarding tutoring, please email tutoring@southplainscollege.edu or call 806-716-2538

COVID Response: South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: COVID Response (southplainscollege.edu)

You can find all topics covered and the order they will be covered in below in the course calendar. I would HIGHLY recommend printing out this Syllabus so that you can refer back to it to see due dates and expectations

South Plains College
Common Course Syllabus: MATH 1314
Revised July 2023

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 1314

Course Title: College Algebra

Available Formats: conventional, hybrid, internet, and ITV

Campuses: Levelland, Downtown Center, Plainview Center, and Dual Credit

Course Description: In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Prerequisite: Minimum score of 350 on the TSIA1, minimum score of 950 on the TSIA2, a diagnostic score of 6 on the TSIA2, TSI-exempt status, a successful completion with a grade of 'C' or better in MATH 0320, or successful completion of NCBM-0114.

Credit: 3 Lecture: 3 Lab: 1

Textbook: *College Algebra with Intermediate Algebra: A Blended Course*, Beecher, Penna, Johnson, and Bittinger, 2018, 1st Edition, Prentice Hall/Pearson Education

Supplies: Please see the instructor's course information sheet for specific supplies.

This course partially satisfies a Core Curriculum Requirement: Mathematics Foundational Component Area (020)

Core Curriculum Objectives addressed:
- Communications skills—to include effective written, oral and visual communication
- Critical thinking skills—to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- Empirical and quantitative competency skills—to manipulate and analyze numerical data or observable facts resulting in informed conclusions

Student Learning Outcomes: Upon completion of this course and receiving a passing grade, the student will be able to:
1. Demonstrate and apply knowledge of properties of functions, including 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 Learning Outcomes Assessment: A pre- and post-test questions will be used to determine the extent of improvement that the students have gained during the semester

Course Evaluation: There will be departmental final exam questions given by all instructors.

Attendance/Student Engagement Policy: Attendance and engagement are the most critical activities for success in this course. The instructor maintains records of the student's attendance and submission of assignments throughout the semester. The student is expected to attend at least eighty percent (80%) of the total class meetings and submit at least eighty percent (80%) of the total class assignments to have the best chance of success. If the student fails to meet these minimum requirements, the instructor <u>may</u> remove the student from the

class with an X, upon their discretion, to help the student from harming their GPA. If the student can not receive an X, the instructor will assign an F.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper**.**

Student Code of Conduct Policy: Any successful learning experience requires mutual respect from the student and the instructor. Neither the instructor nor the student should be subject to others' rude, disruptive, intimidating, aggressive, or demeaning behavior. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title IX Pregnancy Accommodations, CARE Team, and Campus Concealed Carry, please visit https://www.southplainscollege.edu/syllabusstatements/.

South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: https://www.southplainscollege.edu/emergency/covid19-faq.php.

SPC Bookstore Price Match Guarantee Policy: If you find a lower price on a textbook, the South Plains College bookstore will match that price. The difference will be given to the student on a bookstore gift certificate! The gift certificate can be spent on anything in the store.

If students have already purchased textbooks and then find a better price later, the South Plains College bookstore will price match through the first week of the semester. The student must have a copy of the receipt and the book has to be in stock at the competition at the time of the price match.

The South Plains College bookstore will happily price match BN.com & books on Amazon noted as *ships from and sold by Amazon.com*. Online marketplaces such as *Other Sellers* on Amazon, Amazon's Warehouse Deals, *fulfilled by* Amazon, BN.com Marketplace, and peer-to-peer pricing are not eligible. They will price match the exact textbook, in the same edition and format, including all accompanying materials, like workbooks and CDs.

A textbook is only eligible for price match if it is in stock on a competitor's website at time of the price match request. Additional membership discounts and offers cannot be applied to the student's refund.

Price matching is only available on in-store purchases. Digital books, access codes sold via publisher sites, rentals and special orders are not eligible. Only one price match per title per customer is allowed.

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.

			Tentative Calendar for Math 1314 Fall 2025	
Week	Day	Date	Topic	Assignments
1	**Monday**	**Aug. 25**	**Syllabus** **Complex Numbers** **The Binomial Theorem**	**PA 1** **PA 2**
	Tuesday	Aug. 26	Practice	
	Wednesday	**Aug. 27**	**Linear Equations** **One Variable Linear Inequalities**	**Quiz 0** **PA 3** **PA 4**
	Thursday	Aug. 28	Practice	
2	**Monday**	**Sep. 1**	**Labor Day (No Class)**	
	Tuesday	Sep. 2	Practice	
	Wednesday	**Sep. 3**	**Absolute Value Equations** **Absolute Value Inequalities**	**Quiz 1** **PA 5** **PA 6**
	Thursday	Sep. 4	Practice	
3	**Monday**	**Sep. 8**	**Quadratic Equations**	**Quiz 2** **PA 7 – 11**
	Tuesday	Sep. 9	Practice	
	Wednesday	**Sep. 10**	**Exam 1**	**Exam 1 Review**
	Thursday	Sep. 11	Take a break	
4	**Monday**	**Sep. 15**	**Operations with Rational Expressions**	**Quiz 3** **PA 12** **PA 13**
	Tuesday	Sep. 16	Practice	
	Wednesday	**Sep. 17**	**Rational Equations**	**PA 14**
	Thursday	Sep. 18	Practice	
5	**Monday**	**Sep. 22**	**Polynomial and Rational Inequalities** **Radical Equations**	**PA 15** **PA 16**
	Tuesday	Sep. 23	Practice	
	Wednesday	**Sep. 24**	**Introduction to Functions** **Library of Functions**	**PA 17** **PA 18**
	Thursday	Sep. 25	Practice	

6	**Monday**	**Sep. 29**	**Evaluating Functions** **Operations with Functions** **Inverse Functions**	**Quiz 4** **PA 19** **PA 20** **PA 21**
	Tuesday	Sep. 30	Practice	
	Wednesday	**Oct. 1**	**Linear Functions** **Point Slope Equation** **Parallel and Perpendicular Lines**	**Quiz 5** **PA 22** **PA 23** **PA 24**
	Thursday	Oct. 2	Practice	
7	**Monday**	**Oct. 6**	**Quadratic Functions**	**Quiz 6** **PA 25**
	Tuesday	Oct. 7	Practice	
	Wednesday	**Oct. 8**	**Exam 2**	**Exam 2 Review**
	Thursday	Oct. 9	Practice	
8	**Monday**	**Oct. 13**	**Transformation of Functions**	**PA 26**
	Tuesday	Oct. 14	Practice	
	Wednesday	**Oct. 15**	**Circles**	**PA 27**
	Thursday	Oct. 16	Practice	
	Friday	**Oct. 17**	**Fall Break (No Office Hours)**	
9	**Monday**	**Oct. 20**	**Synthetic Division** **Roots of Polynomials**	**PA 28** **PA 29**
	Tuesday	Oct. 21	Take a Break	
	Wednesday	**Oct. 22**	**Polynomial Equations** **Polynomial Functions**	**PA 30** **PA 31**
	Thursday	Oct. 23	Practice	
10	**Monday**	**Oct. 27**	**Rational Functions**	**PA 32**
	Tuesday	Oct. 28	Practice	
	Wednesday	**Oct. 29**	**Exam 3**	**Exam 3 Review**
	Thursday	Oct. 30	Practice	

11	**Monday**	**Nov. 3**	**Exponential and Logarithmic Functions**	**PA 33**
	Tuesday	Nov. 4	Practice	
	Wednesday	**Nov. 5**	**Properties of Logarithms** **Expanding and Condensing Logarithms**	**PA 34** **PA 35**
	Thursday	Nov. 6	Practice	
12	**Monday**	**Nov. 10**	**Exponential Equations** **Logarithmic Equations**	**PA 36** **PA 37**
	Tuesday	Nov. 11	Practice	
	Wednesday	**Nov. 12**	**Compound Interest**	**PA 38**
	Thursday	Nov. 13	Practice	
13	**Monday**	**Nov. 17**	Systems of Equations (Two and Three Variables)	**PA 39** **PA 40**
	Tuesday	Nov. 18	Take a Break	
	Wednesday	**Nov. 19**	**Systems of Nonlinear Equations** **Systems of Inequalities**	**PA 41** **PA 42**
	Thursday	Nov. 20	Practice	
14	**Monday**	**Nov. 24**	**Exam 4**	**Exam 4 Review**
	Tuesday	Nov. 25	Introduction to Matrices Lecture Video	
	Thanksgiving Break (Nov. 26 – Nov. 28)			
15	**Monday**	**Dec. 1**	**Introduction to Matrices** **Cramers Rule (Two and Three Variables)**	**PA 43** **PA 44** **PA 45**
	Tuesday	Dec. 2	Practice	
	Wednesday	**Dec. 3**	**Partial Fraction Decomposition**	**PA 46**
	Thursday	Dec. 4	Practice	
Final Exam			**Monday December 8th : 5:00 pm – 7:00 pm**	

Last Day to Drop – December 4th