

**Math 0314/1314.C002 College Algebra Corequisite**  
**Monday through Thursday 11:00 am – 12:45 pm Face-to-Face**  
**Spring 2025 – Levelland (LEV) Campus Math Building M122**

**Instructor:** Ms. Rachel Fleenor  
**Email:** [rfleenor@southplainscollege.edu](mailto:rfleenor@southplainscollege.edu)  
**Office:** M102  
**Office Phone:** 806-716-4321

**Office Hours:** MW – 6:00 pm – 7:00 pm (LDTG)  
W – 3:00 pm – 4:00 pm (LEV)  
TR – 10:00 am - 11:00 am (LEV)  
TR – 1:00 pm – 2:00 pm (LEV)  
F – 10:00 am – 11:00 am (LEV)  
(or by appointment)

**Course Structure**

- Conventional course
  - Content will be covered in class
  - Practice Assignments will be assigned at least one per class
  - Quizzes will take place once a week and will be over the previous week's content
  - Exams will be taken in class

**Textbook**

- No book is required for this section

**Course Requirements/Materials**

- Attend all classes
- Solid work ethic and character.
- Smart phone and/or scanner to turn a written document into a PDF file
- Notebook/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):**

Practice Assignments (150 points – 3 each)  
Quizzes (150 points – 10 each)  
Exams (450 points – 150 each)  
Final Exam (250 points)  
Total points: 1000

**Grading Scale (1314):**

900-1000 points A  
800-899 points B  
700-799 points C  
600-699 points D  
< 600 points F

**The MATH 0314 final grade is at the discretion of the instructor and is only a Pass/Fail grade. If you pass the 0314 portion but fail the 1314 portion, you will be able to enroll in a standalone Math 1314 in future semesters.**

*\*\*\*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 assignments
- Students are not permitted to use electronic devices in class
- During testing, all cell phones should be placed on SILENT or turned off and put at the front of the classroom, and all smart watches need to be removed and placed on the floor face-down to the left of your seat
- 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 to be submitted on Blackboard
- Each **Practice Assignment is due by 10:00 am** on the day it is due
- Submission link will close at 10:00 am and will not be reopened (be sure to give yourself enough time to account for any possible technological problems)
- Must be submitted as **a single PDF** with questions in order and pages oriented upright on given homework pages
- Any Practice Assignment not following the above requirements will not be taken into consideration

### Quizzes

- Taken in-class in the allotted time
- No materials allowed during quizzes

### Tests

- 3 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, you will get an extra 5% on the exam if you complete it and turn it in on the exam date**

### 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 **Thursday, May 8<sup>th</sup> from 10:15 am to 12:15 pm**

### Make-up

- This section refers to any missed/un-attempted assignment (failed assignments/quizzes/exams cannot be made-up or corrected)
- Make-up work is given at the discretion of the instructor
- NO make-up assignments are given 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/quiz **BEFORE** the next class period.
- If you have proper documentation, you will be allowed to turn in a practice assignment the **next class day** by 10:00 am (NO LATER)

### 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](http://www.southplainscollege.edu). To access the SPC student e-mail account, log in to [portal.office.com](http://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](mailto:blackboard@southplainscollege.edu) or by telephone to 806-716-2180

### **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](mailto: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 \(southplainscollege.edu\)](https://www.southplainscollege.edu/covid-response)

**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 0314**  
**Revised July 2023**

**Department:** Mathematics, Engineering, and Computer Science

**Discipline:** Mathematics

**Course Number:** MATH 0314/1314 Corequisite

**Course Title:** College Algebra Support Course

**Available Formats:** conventional, hybrid, and internet

**Campuses:** Levelland, Downtown Center, and Plainview Center

**Math 0314 Course Description:** Math 0314 is to be taken concurrently with MATH 1314. Background topics which are necessary for a student to successfully complete MATH 1314 will be covered, with an emphasis on fractions, factoring polynomials, functions, exponents, and operating with radical and rational expressions.

**Math 1314 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 340 on the TSIA1, minimum diagnostic score of 3 on the TSIA2, a successful completion with a grade of 'C' or better in MATH 0315, or a successful completion of NCBM-0105.

**Credit:** 6 **Lecture:** 6 **Lab:** 0

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

YOU DO NOT NEED TO PURCHASE THIS TEXTBOOK FOR THIS SECTION

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

**This course partially satisfies a Core Curriculum Requirement:** None

**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 may 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 0314/1314 Spring 2025					
Week	Day	Date	Topic	Homework Assigned	Homework Due
1	Monday	Jan. 13	Syllabus and Integers	PA 1	NONE
	Tuesday	Jan. 14	<b>Quiz 0</b> Fractions	PA 2	PA 1
	Wednesday	Jan. 15	Order of Operations	PA 3	PA 2
	Thursday	Jan. 16	Laws of Exponents	PA 4	PA 3
2	Monday	Jan. 20	<b>Martin Luther King Jr. Day (No Class)</b>		
	Tuesday	Jan. 21	<b>Quiz 1</b> Adding and Subtracting Polynomials	PA 5	PA 4
	Wednesday	Jan. 22	Multiplying and Dividing Polynomials	PA 6	PA 5
	Thursday	Jan. 23	Factoring ( $a = 1$ )	PA 7	PA 6
3	Monday	Jan. 27	<b>Quiz 2</b> Special Factorings, Factoring ( $a > 1$ )	PA 8	PA 7
	Tuesday	Jan. 28	Radicals	PA 9	PA 8
	Wednesday	Jan. 29	Complex Numbers	PA10	PA 9
	Thursday	Jan. 30	Linear Equations	PA 11	PA 10
4	Monday	Feb. 3	<b>Quiz 3</b> One Variable Linear Inequalities	PA 12	PA 11
	Tuesday	Feb. 4	Absolute Value Equations	PA 13	PA 12
	Wednesday	Feb. 5	Absolute Value Inequalities	PA 14	PA 13
	Thursday	Feb. 6	<b>Quiz 4</b> Exam 1 Review	Exam 1 Review	PA 14
5	Monday	Feb. 10	<b>Exam 1</b>	Exam 1 Review	
	Tuesday	Feb. 11	Quadratic Equations (Factoring)	PA 15	NONE
	Wednesday	Feb. 12	Quadratic Formula Square-Root Property	PA 16 PA 17	PA 15
	Thursday	Feb. 13	Completing the Square U-Substitution	PA 18 PA 19	PA 16 PA 17 E1 Refl.

6	Monday	Feb. 17	<b>Quiz 5</b> Simplifying, Multiplying, and Dividing Rational Expressions	PA 20	PA 18 PA 19
	Tuesday	Feb. 18	Adding and Subtracting Rational Expressions	PA 21	PA 20
	Wednesday	Feb. 19	Rational Equations	PA 22	PA 21
	Thursday	Feb. 20	Introduction to Functions	PA 23	PA 22 E1 Refl.
7	Monday	Feb. 24	<b>Quiz 6</b> Library of Functions	PA 24	PA 23
	Tuesday	Feb. 25	Evaluating Functions Operations with Functions	PA 25 PA 26	PA 24
	Wednesday	Feb. 26	Inverse Functions Transformations of Functions (Begin)	PA 27	PA 25 PA 26
	Thursday	Feb. 27	Transformations of Functions (Finish)	PA 28	PA 27
8	Monday	Mar. 3	<b>Quiz 7</b> Linear Functions	PA 29	PA 28
	Tuesday	Mar. 4	Point-Slope Equation	PA 30	PA 29
	Wednesday	Mar. 5	Parallel and Perpendicular Lines	PA 31	PA 30
	Thursday	Mar. 6	<b>Quiz 8</b> Exam 2 Review	Exam 2 Review	PA 31
9	Monday	Mar. 10	<b>Exam 2</b>	Exam 2 Review	
	Tuesday	Mar. 11	Circles	PA 33	NONE
	Wednesday	Mar. 12	Synthetic Division	PA 34	PA 33
	Thursday	Mar. 13	Roots of Polynomial	PA 35	PA 34
	Friday	Mar. 14	PA 35 E2 Refl.		
<b>March 17 - 21</b>		<b>SPRING BREAK</b>			
10	Monday	Mar. 24	<b>Quiz 9</b> Polynomial Equations	PA 36	NONE
	Tuesday	Mar. 25	Polynomial Functions	PA 37	PA 36
	Wednesday	Mar. 26	Rational Functions	PA 38	PA 37
	Thursday	Mar. 27	Polynomial and Rational Inequalities	PA 39	PA 38



11	Monday	Mar. 31	<b>Quiz 10</b> Radical Equations	PA 40	PA 39
	Tuesday	Apr. 1	Exponential and Logarithmic Functions	PA 41	PA 40
	Wednesday	Apr. 2	Properties of Logarithms	PA 42	PA 41
	Thursday	Apr. 3	Expanding and Condensing Logarithms	PA 43	PA 42 E2 Refl.
12	Monday	Apr. 7	<b>Quiz 11</b> Exponential Equations	PA 44	PA 43
	Tuesday	Apr. 8	Logarithmic Equations	PA 45	PA 44
	Wednesday	Apr. 9	Compound Interest	PA 46	PA 45
	Thursday	Apr. 10	<b>Quiz 12</b> Exam 3 Review	Exam 3 Review	PA 46
13	Monday	Apr. 14	<b>Exam 3</b>	<b>Exam 3 Review</b>	
	Tuesday	Apr. 15	Systems of Equations Part 1	PA 47	NONE
	Wednesday	Apr. 16	Systems of Equations Part 2	PA 48	PA 47
	Thursday	Apr. 17	Non-Linear Systems of Equations	PA 49	PA 48
14	Monday	Apr. 21	<b>Quiz 13</b> Systems of Inequalities Part 1	NONE	PA 49
	Tuesday	Apr. 22	Systems of Inequalities Part 2	PA 50	NONE
	Wednesday	Apr. 23	Cramers Rule (Two Variables)	PA 51	PA 50
	Thursday	Apr. 24	Cramers Rule (Three Variables)	PA 52	PA 51 E3 Refl.
15	Monday	Apr. 28	<b>Quiz 14</b> Final Exam Review	PA 52	
	Tuesday	Apr. 29	Final Exam Review		
	Wednesday	Apr. 30	<b>Quiz 15</b> Final Exam Review		
	Thursday	May 1.	Final Exam Review		
<b>Final Exam</b>		<b>Monday May 5<sup>th</sup> : 10:15 am – 12:15 pm</b>			

**Last Day to Drop - April 24, 2024**