Meets face to face (F2F) Tuesday and Thursday at the Lubbock Downtown Center in the basement in room B010 from 11:00-2:45 .

Department: Mathematics, Engineering, and Computer Science
Discipline: Mathematics
Course Number: MATH **0314**
Course Title: College Algebra Support Course

Course Number: MATH **1314**
Course Title: College Algebra

Available Formats: conventional, hybrid, and internet
Campuses: Levelland, Downtown Center, and Plainview Center

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.
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.

0314 Credit: 3 **Lecture:** 3 **Lab:** 1
1314 Credit: 3 **Lecture:** 3 **Lab:** 1

Textbook <u>No textbook required</u>:*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:
0314-None;   **1314**-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

0314 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.

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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 necessary 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.

South Plains College policies concerning diversity, disabilities, non-discrimination, Title IX Pregnancy Accommodations, and Campus Concealed Carry Statements can be found here: 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.

Fall 2025
Corequisite College Algebra: Math 0314.C605 & Math 1314.C605
Instructor: Larry Moffett
Email: lmoffett@southplainscollege.edu
Office: Lubbock Downtown Center: basement: room **B014**   **Phone**: (806)716-2528

Office Hours: in my office B014

Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 12:15-1:30	8:30-9:00 2:45-3:15	8:30-9:00 12:15-1:30	8:30-9:00 2:45-3:15	8:30-11:00

Class Structure: This course is a **Traditional** course. It will meet face to face (**F2F**). The material will be presented in the classroom. **However** extra instructional material is on Blackboard. Each unit in Blackboard has homework (HW), notes, and videos for each unit. You are expected to complete the homework within 3 days of hearing the lecture in class. I may periodically check the homework (HW) for completion. The notes and videos on Bb are optional. Videos by Mr. Moffett and Mrs. Cormier are available. **We will meet face to face (F2F) Tuesday and Thursday at the Lubbock Downtown Center in the basement in room B010 from 11:00-2:45.** During class, you will have time to ask questions about homework. Labs will also be assigned to *allow the student to assess comprehension of homework.*

Class Attendance: Attend class face to face (**F2F**). A student with 5 absences is subject to being dropped. Being tardy two times, being ten minutes late, leaving class before it has ended, and unauthorized use of a cell phone are counted as absences.

Possible options for making a pdf if needed:

OneDrive: All students have a free OneDrive account with their Office365 account. There is a free OneDrive app that will make a pdf of your work with your phone or tablet and will sync with your OneDrive account. This is one video I found that may help you with this.
https://support.office.com/en-us/article/scan-a-whiteboard-document-business-card-or-photo-in-onedrive-for-ios-7b5425d5-754f-4201-b88f-13fc765d7d3a
There is also a file on Blackboard in the Course Information folder that will help you use this resource.

Camscanner: This is also a good option. The video explains how to use Camscanner.
https://www.youtube.com/watch?v=pc7dkXaer2s

Scannable: This is another option. You may use any tool you like to make a pdf. This video explains how to use the Scannable app. https://www.youtube.com/watch?v=RoAYGhtbdkl

Homework: Homework should be completed on notebook paper with all work shown. The homework problems and the answers are located on Blackboard. The purpose of the homework problems is to determine if you understand the lesson and to give you practice. It will not be turned in for a grade.

Lab work: Labs will be assigned according to the course calendar. You may use your homework to complete labs.

Exams: You may not use a calculator on Exam 1 but you may use a scientific calculator on all other exams. The **TI-30X IIS** calculator is adequate. A graphing calculator is not allowed. There will be 6 exams.

Determining Grades:

Exam 1	13 %
Exam 2	13 %
Exam 3	13 %
Exam 4	13 %
Exam 5	13 %
Exam 6	13 %
Final Exam	22 %
Total	100 %

Accumulated points	Final Grade
90 and above	A
80 - 89	B
70 - 79	C
60 - 69	D
59 and below	F

Supplies:
- Graph paper.
- Notebook paper and pencils
- Basic scientific calculator (such as a **TI-30X**). Calculators on cell phones, TI-89, TI-92, or TI-Inspire calculators, or any other electronic devices will <u>not</u> be allowed during testing without permission from the instructor. A graphing calculator is not allowed.
- Reliable internet access.
- Three ring binder (large) to organize homework, notes, exams, labs, etc.

Supplementary Course Information: Blackboard is the online course management system that will be utilized for this course. This course **syllabus**, as well as any class handouts can be accessed through **Blackboard**. Login at http://southplainscollege.blackboard.com. The user name and password should be the same as the Texan Connect and SPC email.

Your daily course activities required
Complete the homework
Check your work with the answers on Blackboard
Mark any that you had trouble with
Ask questions
Do lab work

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EXTRA CREDIT

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*EXTRA CREDIT***: (Optional: you will not be penalized for not keeping a 3-ring binder)**
Use a 3-ring binder to keep all homework (HW) assignments, notes, labs, and corrected exams organized in the binder (**Required**.) **Organize by units**. **Extra credit is not given for material not organized in the binder.**
Watch Mrs. Cormier's videos and complete the matching notes.
For HW put a heading on the paper. Copy the problem. Show all work. Skip a line between each problem.
About 4 points will be added to the final average if all HW and notes are completed and tests are corrected. Use ink to correct test. Use pencil to take tests.

Corequisite College Algebra Course Calender: Math 0314.C605 & Math 1314.C605
Fall 2025 T/Th 11:00-2:45

Manage your time. Weekend days are not included on the calendar but should be used to catch up if you fall behind or work ahead if you wish.

	Monday	Tuesday	Wednesday	Thursday	Friday
1	**Aug 25, 2025 1st Class Day**	26 Section 1.1 And 1.2	27	28 Section 1.3/1.4	29 Catch up!
2	**Sept 1** Labor Day Holiday	2 Section 1.5/1.6	3	4 Section 2.1/2.2	5 Stay Current With All Work!
3	8	9 Test 1: Unit 1	10	11 Section 2.3/2.4	12 Catch up!
4	15	16 Section 2.5/2.6	17	18 Section 3.1/3.2	19 Catch up!
5	22	23 Test 2: Unit 2	24	25 Section 3.3/3.4	26 Catch up!
6	29	30 Section 3.5/4.1	**Oct 1, 2025**	2 Section 4.2/4.3	3 Stay Current!
7	6	7 Test 3: Unit 3	8	9 Section 4.4/4.5	10 Catch up!
8	13	14 Section 4.5/5.1	15	16 Test 4: Unit 4	**17 Fall Break** Stay Current With All Work!

	Monday	Tuesday	Wednesday	Thursday	Friday
9	20	21 Section 5.2/5.3	22	23 Section 5.4/6.1	24 Stay Current!
10	27	28 Test 5A: Unit 5	29	30 Section 6.1/6.2	31 Catch up!
11	Nov.3, 2025	4 Section 6.3/6.4	5	6 Section 6.5/7.1	7 STUDY!
12	10	11 Test 5B: Unit 6	12	13 Section 7.2/7.3	14 Catch up!
13	17	18 Section 7.4/7.5	19	20 Section 8.1/8.2	21 Be Steadfast !
14	24	25 Test 6: Unit 7	26 Thanksgiving Holiday	27 Thanksgiving	28 Thanksgiving
15	Dec 1, 2025	2 Section 8.3/8.4 Review	3	4 Last Day To Drop a Class	5 Study!
16	Dec 8, 2025	9 Tuesday Comprehensive Final: 10:15-12:15	10	11 Last Class Day	12 Friday Commencment Ceremony

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

Brainfuse
You also have 180 FREE minutes of tutoring with Brainfuse each week, and your hours reset every Monday morning. Log into Blackboard, and click on the tools option from the left-hand menu bar. Click on the Brainfuse link and you will automatically be logged in for free tutoring. You may access Brainfuse tutors during the following times:
Monday – Thursday: 8 pm-8 am
6pm Friday – 8am Monday morning
For questions regarding tutoring, please email tutoring@southplainscollege.edu or call 806-716-224

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